

## 7 WAYPOINT INFO

The Waypoint Info function allows you to view information about the selected waypoint. The Waypoint Info page can be reached from the Home page, selected from a flight plan, or selected from the Nearest page.



Figure 7-1 Waypoint Info Page

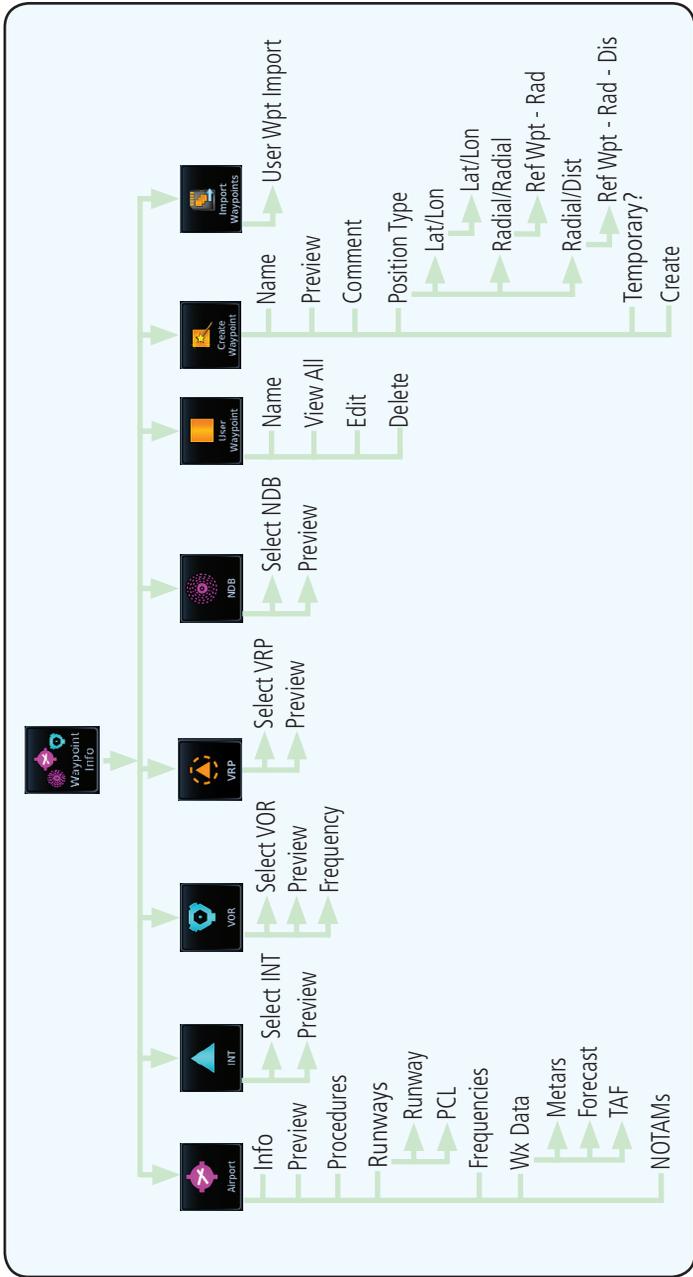


Figure 7-2 Waypoint Info Functional Diagram

## 7.1 Waypoint Selection



1. Touch the **Waypoint Info** key and then touch the desired waypoint type (Airport, INT, VOR, etc).
2. Touch the waypoint identifier.
3. The waypoint identifier selection page will be shown and the waypoint identifier field will be active for selection. Touch the required keys on the alphanumeric keypad to select the desired waypoint identifier and then touch the **Enter** key.



Figure 7-3 Waypoint Ident Selection

4. The selected waypoint will be the selected Airport Identifier.



Figure 7-4 Waypoint Ident Selection Result

## 7.2 Airport

The Airport page of the Waypoint Info function provides a variety of detailed information about the airport.

### 7.2.1 Info

The upper part of the page shows the airport identifier and type, name, city and region, the lat/lon coordinates of the airport, and the bearing (and direction arrow) and distance to the airport from your present position. The center area shows the airport elevation, fuel availability, and time zone.



1. While viewing the Waypoint Info page, touch the **Airport** key.



2. Touch the **Info** key to display available information for the airport.



Figure 7-5 Waypoint Info Airport Page

## 7.2.2 Preview

The Waypoint Info Airport Preview page provides detailed information about the selected airport.

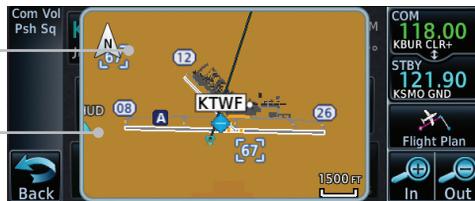


1. Touch the **Preview** key to view a map of the airport and surrounding area.



2. Use the **In** and **Out** keys to zoom in and out on the Preview map.

Touch & Move  
Finger While  
Pressing To Pan Map  
Airport Preview  
Area Map



Touch  
To Zoom

Figure 7-6 Waypoint Info Airport Map Page

3. You may touch the map window and while pressing the display drag your finger to move the map view.

## 7.2.3 NOTAM Pages



1. Touch the **NOTAMs** key on the Airport Waypoint Info page to view NOTAMS available for the selected airport.

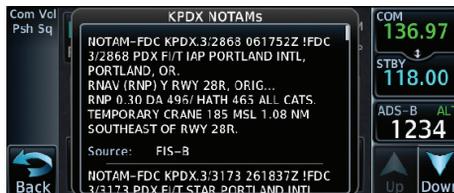


Figure 7-7 Waypoint Info Airport NOTAMS Page



2. Touch the **Up** and **Down** keys to view additional information, as needed.

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## 7.2.4 Procedures

1. Touch the **Procedures** key to view details about procedures for the selected airport.



Figure 7-8 Waypoint Info Airport Procedures Page

2. Touch the **Up** and **Down** keys to view additional procedures, as needed.
3. Touch one of the procedure keys to select it for the Procedures function.

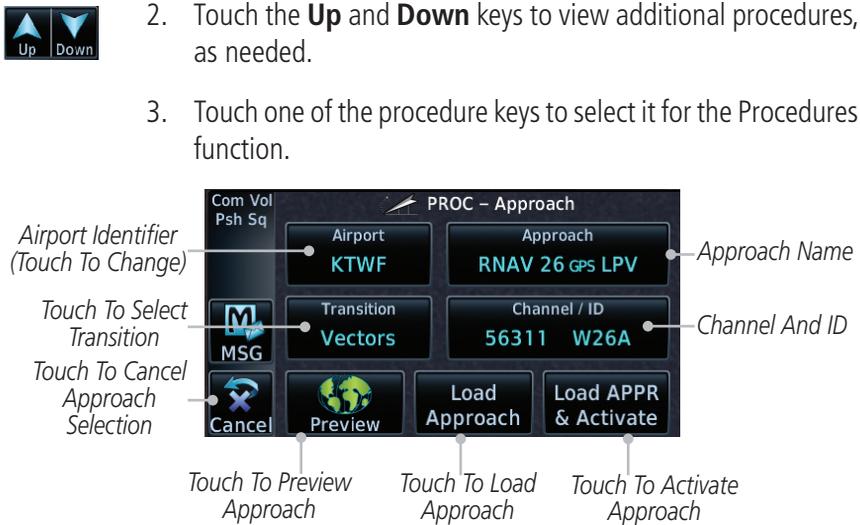
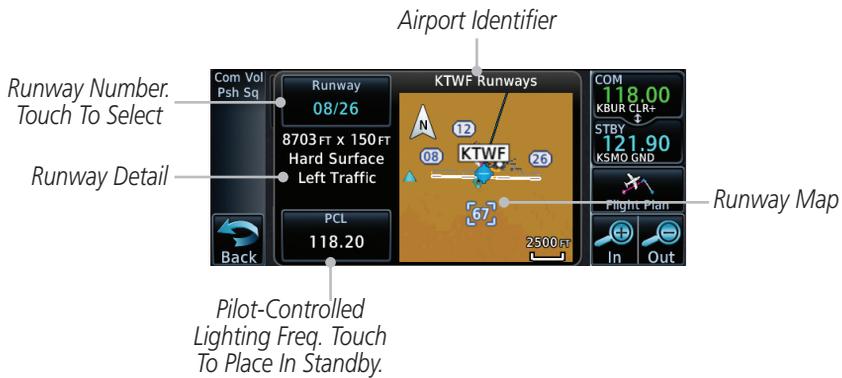


Figure 7-9 Waypoint Info Airport Arrival Information

## 7.2.5 Runways



**Figure 7-10** Waypoint Info Airport Runway Information Page



1. Touch the **Runways** key to view information about the available runways for the selected airport. The runway identifiers, surface type, lighting with Pilot Controlled Lighting (PCL) frequency, runway size, and traffic pattern direction are shown.



2. Touch the Runway key to select a runway from the list. Touch the desired runway to select it.



**Figure 7-11** Waypoint Info Airport Runway Selection



3. Touch the **PCL** key to load the PCL frequency into the Com Standby location.

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## 7.2.6 Frequencies

1. Touch the **FREQ** key to view details about available frequencies for the selected airport.
2. Touch the **Up** and **Down** keys to view additional frequencies, as needed. A "c" symbol in a white circle will appear next to frequencies that also function as the Common Traffic Advisory Frequency (CTAF).

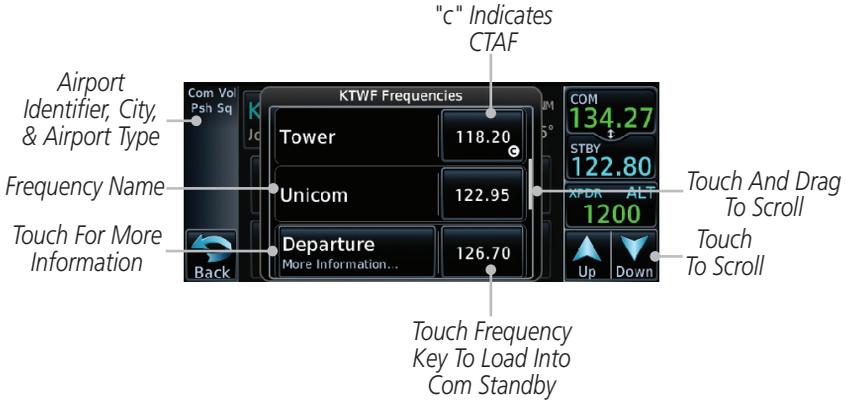


Figure 7-12 Waypoint Info Airport Frequency List Page

3. Touch the **Frequency** key next to the frequency name to load it as the Com or Nav standby frequency, depending on frequency type.
4. Some frequencies have more information available and will indicate that below the frequency name.



Figure 7-13 Waypoint Info Airport Frequency More Information

## 7.2.7 Weather (WX) Data



1. Touch the **WX Data** key on the Airport Waypoint Info page to view textual METARs, City Forecast, and TAF weather information available for the selected airport.



Figure 7-14 Waypoint Info Airport Weather Page



2. Touch the **Up** and **Down** keys to scroll through the Weather page information.

## 7.2.8 Helipads



1. Touch the **Helipads** key on the Airport Waypoint Info page to view any information available for the selected helipad. Helipad information may not be complete or consistent due to the data available from the 3rd party sources.



Figure 7-15 Helipad Waypoint Info

## 7.2.9 Nearest VRPs

1. Touch the **NRST VRPs** tab on the Airport Waypoint Info page to view a list of the visual reporting points that are located near the selected airport.



Figure 7-16 Waypoint Info Airport NRST VRPs Page

2. Touch the **Up** and **Down** keys to view additional information, as needed.

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## 7.3 Intersection (INT)

The Intersection page of the Waypoint Info function provides a variety of detailed information about the intersection. The top left area of the page displays the Intersection identifier and region. The top center area shows the lat/lon coordinates of the Intersection and the bearing (with direction arrow) and distance to the Intersection from your present position.

Select another Waypoint by touching the **Waypoint Identifier** key, entering the characters for the desired name with the alphanumeric keypad, and then touching the **Enter** key. You may also search through the list by touching the **Find** key and then choosing from the existing list of waypoints by touching the desired waypoint from the list.

The center area of the page shows a map with the Intersection in the center.



1. While viewing the Waypoint Info page, touch the **Intersection** key.

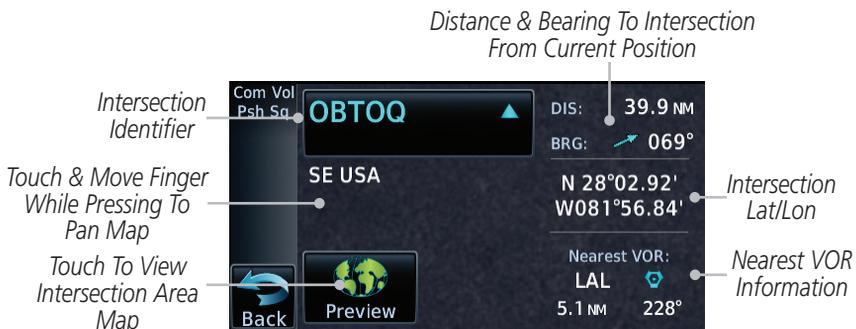


Figure 7-17 Waypoint Info - Intersections



2. Touch **Preview** and then use the **In** and **Out** keys to zoom in and out on the map. You may touch the map window and while lightly pressing the display, drag your finger to move the map view.

## 7.4 VOR

The VOR page of the Waypoint Info function provides a variety of detailed information about the VOR. The top left area of the page displays the VOR identifier, name, city and state, and region. The top center area shows the lat/lon coordinates of the VOR and the bearing (with direction arrow) and distance to the VOR from your present position. The top right area shows the frequency in a key. Select another Waypoint by touching the **Waypoint Identifier** key, entering the characters for the desired name with the alphanumeric keypad, and then touching the **Enter** key. You may also search through the list by touching the **Find** key and then choosing from the existing list of waypoints by touching the desired waypoint from the list.

The center area of the page shows a map with the VOR in the center.

1. While viewing the Waypoint Info page, touch the **VOR** key.



The screenshot shows the VOR Waypoint Info page for 'PIE VORTAC Saint Petersburg, FL SE USA'. Callouts point to the following elements:

- VOR Identifier, Symbol, & Name:** Points to the top left section containing 'PIE VORTAC' and 'Saint Petersburg, FL SE USA'.
- Distance & Bearing To VOR From Current Position:** Points to the top right section showing 'DIS: 9.1 NM' and 'BRG: 345°'.
- VOR Location & Region:** Points to the middle left section showing 'Saint Petersburg, FL SE USA'.
- VOR Class:** Points to the middle section showing 'VOR Class: High Altitude' and 'Station Declination: 1°E'.
- Magnetic Variation:** Points to the bottom left section showing a magnetic variation indicator.
- VOR Lat/Lon:** Points to the middle right section showing 'N 27°54.47' W 082°41.06'.
- Nearest Airport Information:** Points to the bottom right section showing 'Nearest Airport KPIE 0.2 NM 314°'.
- VOR Frequency - Touch To Insert Into Nav Standby:** Points to the 'Frequency 116.40' key.
- Touch To View VOR Area Map:** Points to the 'Preview' key.

Figure 7-18 Waypoint Info - VORs

2. Touch **Preview** and then use the **In** and **Out** keys to zoom in and out on the map. You may touch the map window and while lightly pressing the display, drag your finger to move the map view.
3. Touch the **Frequency** key next to load it as the Nav standby frequency.



## 7.5 VRP



**NOTE:** This feature is available in software v6.20 or later.

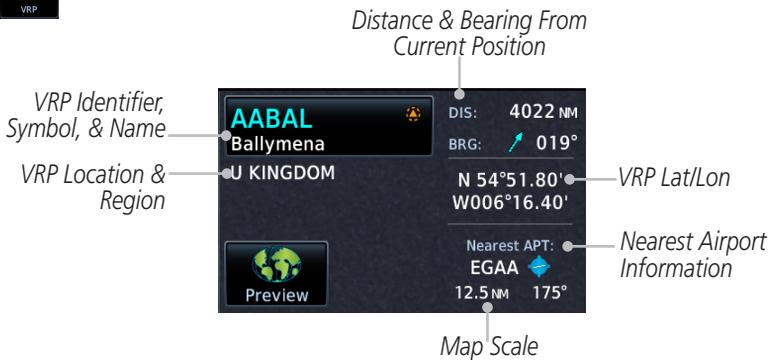


**NOTE:** Visual Reporting Point database coverage is not available in all regions.

The VRP (Visual Reporting Point) page of the Waypoint Info function provides information about the VRP. The top area shows the Lat/Lon coordinates of the VRP and the bearing (with direction arrow) and distance to the VRP from your present position. Select another Waypoint by touching the **Waypoint Identifier** key, entering the characters for the desired name with the alphanumeric keypad, and then touching the **Enter** key. You may also search through the list by touching the **Find** key and then choosing from the existing list of waypoints by touching the desired waypoint from the list. The center area of the page shows a map with the VRP in the center.



1. While viewing the Waypoint Info page, touch the **VRP** key.



**Figure 7-19** Waypoint Info - Visual Reporting Point



2. Use the **In** and **Out** keys to zoom in and out on the map. You can touch the map window and while lightly pressing the display, drag your finger to move the map view.

## 7.6 NDB

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The NDB page of the Waypoint Info function provides a variety of detailed information about the NDB. The top left area of the page displays the NDB identifier, name, city and state, and region. The top center area shows the lat/lon coordinates of the NDB and the bearing (with direction arrow) and distance to the NDB from your present position. The top right area shows the frequency in a key.

Select another Waypoint by touching the **Waypoint Identifier** key, entering the characters for the desired name with the alphanumeric keypad, and then touching the **Enter** key. You may also search through the list by touching the **Find** key and then choosing from the existing list of waypoints by touching the desired waypoint from the list.

The center area of the page shows a map with the NDB in the center.

1. While viewing the Waypoint Info page, touch the **NDB** key.

*NDB Identifier, Symbol, & Name*

*Distance & Bearing To NDB From Current Position*

*NDB Location & Region*

*Marker Description*

*NDB Lat/Lon*

*Nearest Airport Information*

*Touch To View NDB Area Map*

*VOR Frequency - Touch To Insert Into Nav Standby*

**Figure 7-20 Waypoint Info for NDBs**

2. Touch **Preview** and then use the **In** and **Out** keys to zoom in and out on the map. You may touch the map window and while pressing the display lightly drag your finger to move the map view.



## 7.7 User Waypoints (User)

In addition to the airport, VOR, NDB and intersection information contained in your Jeppesen NavData® card, the GTN 6XX allows you to store up to 1,000 user-defined waypoints. The User Waypoint Page displays the waypoint name (up to six characters long), identifier and radial from two reference waypoints, distance from one reference waypoint, along with the user waypoint's lat/lon position.

The following descriptions and abbreviations appear on the User Waypoint Page:

- Ref Wpt — Reference waypoint identifier (name)
- Radial — Radial from reference waypoint, in degrees magnetic or degrees true (depending upon unit configuration)
- Distance — Distance from reference waypoint, in nautical miles/statute miles/kilometers (depending upon unit configuration)
- Lat/Lon — Latitude/Longitude (degrees/minutes)



**Figure 7-21** Waypoint Info for a User Waypoint

Select another Waypoint by touching the **Waypoint Identifier** key, entering the characters for the desired name with the alphanumeric keypad, and then touching the **Enter** key. You may also search through the list by touching the **View All** key and then choosing from the existing list of User waypoints by touching the desired waypoint from the list.

## 7.7.1 Select User Waypoint by Name



1. While viewing the User Waypoint page, touch the User Waypoint Name.
2. Use the keypad to select the characters for the name and then touch **Enter**.



## 7.7.2 Select User Waypoint from a List



1. While viewing the Waypoint Info page, touch the **User WPT** key.
2. Touch the **View List** key and then use the **Up** and **Down** keys to view the waypoints on the list.



Figure 7-22 Waypoint Info User Waypoint List

## 7.7.3 Edit User Waypoint



1. Select the desired User Waypoint and touch the **Edit** key.
2. Touch the key for the desired information and make changes as needed.

## 7.7.4 Delete User Waypoint

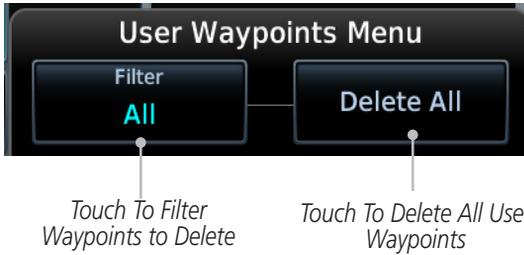


1. Select the desired User Waypoint and touch the **Delete** key.
2. Touch the **OK** key to confirm deleting the selected waypoint.

## 7.7.5 Delete All User Waypoints



1. While viewing the Wapoint Info page, touch the **User Waypoint** Key.
2. Touch the **View List** key and then touch the **Menu** key to open the User Waypoints Menu.



**Figure 7-23 User Waypoints Menu**



3. Touch the **Filter** key to select which type of user waypoints to delete: All, Basic, or Mark On Target.
4. Touch the **Delete All** key to delete all of the user waypoints.

## 7.8 Create Waypoint

User waypoints are created from the Create User Waypoint page. To create a new user waypoint, simply enter its name (identifier) and position, or reference another waypoint by radial and distance.

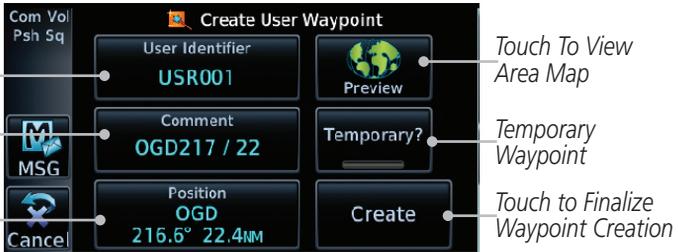


Figure 7-24 Waypoint Info - Create User Waypoint

1. From the Waypoint Info page, touch the **Create Wpt** key.
2. Touch the **User Identifier** key.
3. Use the alphanumeric keypad to make the waypoint name (up to six characters) and then touch the **Enter** key.



User Waypoint Name

Alphanumeric Keypad For Selected Range



Backspace Key Clears Wpt Name

Touch Enter After Creating Name

Selected Character Range

Figure 7-25 Waypoint Info - Create User Waypoint Name

4. Touch the **Comment** key to add a short comment for the new waypoint.
5. Touch the **Position** key and then **Lat/Lon**, **Radial/Radial**, or **Radial/Distance** to assign the type. See the following instructions for more detail.



Touch to Select the Desired Waypoint Reference Type



**Figure 7-26 Waypoint Info - Create User Waypoint Type**



6. If desired, touch the **Temporary?** key to create the waypoint for only temporary use. Temporary waypoints will be removed when the power is cycled.



7. When finished with all selections, touch the **Create** key to create the new waypoint.

## 7.8.1 Mark On Target

If an external Mark On Target (MOT) switch is installed, pressing that switch will result in the creation of a User waypoint called MOTxxx at the point in space where the MOT switch was pushed. The waypoints are created in increasing numeric order up to number 999, at which point they will start replacing existing waypoints at the beginning of the list.

When a Mark on Target waypoint is created, it may not be immediately visible on the moving map page because the ownship icon will be directly on top of the waypoint. Creation of the waypoint can be verified by changing zoom scales on the map or viewing the User Waypoints page.



**NOTE:** This feature is available in software v4.00 and later.

## 7.8.2 Waypoint Location Based on LAT/LON



1. From the Create User Waypoint page, touch the **Position** key and then the **LAT/LON** key. Next, touch the **Latitude/Longitude** value key.



Touch to Select Lat/Lon Waypoint Reference Type

Touch to Select Lat/Lon Values

**Figure 7-27 Waypoint Info - Create User Waypoint Type - LAT/LON**

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2. The Lat/Lon coordinate values will be highlighted. Touch the **Lat** or **Lon** key to toggle selection of the hemisphere values and highlight the selected value. The **Large** knob may also be used for cursor movement and characters selected with the **Small** knob. Use the **Large** knob to backspace or move the cursor to the left.

*When The Lat Key Is Touched, The Latitude Hemisphere Value Is Active For Selection*



**Figure 7-28** Waypoint Info - Set Lat/Lon Coordinates

3. Touch the desired hemisphere keys to select the desired values. After selecting the hemisphere value, the cursor will advance to the first character of the adjacent numeric value for selection. Even when the hemisphere values are highlighted, touching a valid numeric key will always place the cursor at the first numeric value. The **Large** knob may also be used for cursor movement and characters are selected with the **Small** knob.



**NOTE:** *When editing values, turn the Large knob counter-clockwise to backspace or move the cursor to the left.*

4. As each value is selected, the cursor will advance to the next character. Touch the necessary key for the desired values.
5. When finished with the Lat/Long selections, touch the **Enter** key.
6. When finished with all selections, touch the **Create** key to create the new waypoint.



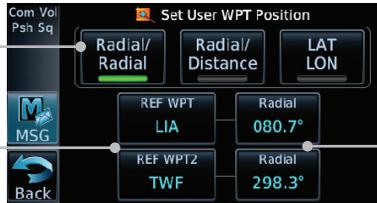
## 7.8.3 Waypoint Location Based on Two Radials



1. From the Create User Waypoint page, touch the **Position** key and then the **Radial/Radial** key.

*Touch to Select Radial/Radial Waypoint Reference Type*

*Touch to Select Reference Wpts*



*Touch to Select Radial Values*

**Figure 7-29 Waypoint Info - Create User Waypoint Type - Radial/Radial**



2. Touch a **Ref Wpt** key and use the alphanumeric keypad to select the desired identifier.



3. Touch the upper **Radial** key and use the numeric keypad to select the desired value.



4. Touch the **Enter** key.



5. When finished with all selections, touch the **Create** key to create the new waypoint.

## 7.8.4 Waypoint Location Based on Radial and Distance



1. From the Create User Waypoint page, touch the **Position** key and then the **Radial/Distance** key.

Touch to Select  
Radial/Distance Waypoint  
Reference Type

Touch to Select  
Reference Wpts



Touch to Select  
Distance Values

Touch to Select  
Radial Values

Figure 7-30 Waypoint Info - Create User Waypoint Type - Radial/Distance



2. From the Create User Waypoint page, touch the **Ref Wpt** key and use the alphanumeric keypad to select the desired identifier.



3. Touch the **Radial** key and use the numeric keypad to select the desired value.



4. Touch the **Distance** key and use the numeric keypad to select the desired value.



5. Touch the **Enter** key.



6. Touch the **Create WPT** key to save the new waypoint.

## 7.9 Import User Waypoints (Datacard)

The GTN can import user generated waypoints from a file on the datacard. The created waypoints will be at the latitude and longitude specified in the file with the specified name and comment.



**NOTE:** This feature is available in software v5.10 and later.

When a user waypoint file is on the datacard, a key will be available on the Waypoint Info page for importing user waypoints.



1. Insert a datacard with the User waypoints into the the GTN.
2. From the Waypoint Info page, touch the **Import Waypoints** key.
3. Touch **OK** to acknowledge the pop-up to import all of the user waypoints in the file.



**Figure 7-31 Start User Waypoint Import**

4. The pilot is informed of the status of the user waypoint import via one of the following system messages.

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Message	Description
USER WAYPOINT IMPORT - User waypoints were imported successfully.	All user waypoints were imported successfully.
USER WAYPOINT IMPORT - User waypoint import failed.	User waypoint import failed due to improper file format.
USER WAYPOINT IMPORT - User waypoint import failed. User waypoint database is full.	User waypoint catalog is full and the requested user waypoints could not be imported.
USER WAYPOINT IMPORT - User waypoints imported successfully - existing waypoints reused.	User waypoints imported and existing waypoints are used instead of creating duplicate waypoints. This occurs when a waypoint to be imported is within 0.001° latitude and longitude of an existing user waypoint (roughly a few hundred feet, depending on latitude).

**Table 7-1 User Waypoint Import Messages**

For more detail on importing user waypoints, visit [www.flyGarmin.com](http://www.flyGarmin.com).