

GARMIN GPSMAP 295 CHECKLIST (Page 1)

GPS Display Groups (Cycle Rocker Switch)

- NAV - Navigation Page Group
- WPT - Waypoint Page Group
- NRST - Nearest Facility Page Group

Navigation Page Group Pages (Click Right or Left Rocker)

Margin:

- WPT - Next Flight plan Waypoint
- BRG - Bearing to Next Waypoint
- CTS - Course to Steer
- ETA - Estimated Time of Arrival to
- GS - Ground Speed
- VSR - Vertical Speed Required for
- Next Flight plan Waypoint Altitude
- Waypoint TKE - Track Angle Error
- XTK - Crosstrack Error

Display:

- DTK - Desired Track
- TRK - Ground Track
- DIST - Distance to
- Next Flight plan WPT
- ETE - Estimated
- Time Enroute to
- Next Flight plan

Map Page (Click Right or Left Rocker)

Map Page puts aircraft at center of North Oriented map display.

Navigation Page Buttons

- TERR - Switches between black background and terrain background.
- QUIT - Press to declutter display map. Four levels of declutter.
- OUT - Range Switch. I ncreases range.
- IN - decreases range.

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The Waypoint Group Pages (Cycle Small Knob Arrows)

Airport Pages:

- 1 - General Airport data
- 2 - Runway Diagrams
- 3 - Airport Frequencies
- 4 - Airport Approach Page for Selected Runway
- 5 - Intersection Data
- 6 - NDB Data
- 7 - VOR Data

Page 1 - General Airport data

Change ICAO Code:

- 1 - Push **CRSR Button** to highlight **ICAO** Window
- 2 - Click **RIGHT** Rocker
- 3 - Type desired **ICAO Code** from keyboard
- 4 - Press **ENTER Button**
- 5 - Push **CRSR Button**

Page 2 - Runway Diagram Page

Select Desired Runway

- 1 - Push **CRSR Button**
- 2 - Click **UPPER Rocker** to Highlight Runway Window
- 3 - Click **RIGHT Rocker** to Bring Up Runway List
- 4 - Click **Right Rocker** to Select Runway of interest
Runway Data displays in **INFO** Window
- 5 - Press **ENTER Button**.
- 6 - Use **IN or OUT Buttons** to change scale of Runway Diagram Window
- 7- Push **CRSR Button** to remove Flashing Cursor on Screen

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Page 3 - Airport Frequencies Page

Select Desired Frequency

- 1 - Push **CRSR Button**
- 2 - Click **UPPER Rocker** to Select Desired Frequency
- 3 - Press **ENTER Button** to enter desired frequency to **COM 1** Standby Window (Or enter frequency by hand)
- 4 - Push **CRSR Button** to remove Flashing Cursor on Screen

Page 4 - Airport Approach Page for Selected Runway

Select Desired Approach

- 1 - Push **CRSR Button**
- 2 - Click **UPPER Rocker** to highlight **Available Approaches Window**
- 3 - Click **RIGHT Rocker** to select **Available Approaches Window**
- 4 - Click **RIGHT Rocker** to select desired **Approach**
- 5 - Press **ENTER button** to display Transitions (**TRANS**) Window
- 6 - Click **RIGHT Rocker** to scroll through Available Transitions
- 7 - Press **ENTER Button** to select desired Transition
- 8 - Push **CRSR Button** to remove Flashing Cursor on Screen

Page 5 - Intersection Data Page

The Intersection Page displays the nearest Intersection Identifier, Region, Position, and nearest VOR.

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Change Intersection Identifier

- 1 - Push **CRSR Button**
- 2 - Click **RIGHT Rocker**
- 3 - Type New Identifier from Keyboard
- 4 - Push **ENTER Button**
- 5 - Push **CRSR Button**

Page 6 - NDB Data Page

The NDB Page displays the nearest NDB Identifier, Facility, Position, Frequency, and WX Broadcast

Change NDB Identifier

- 1 - Push **CRSR Button**
- 2 - Click **RIGHT Rocker**
- 3 - Type New Identifier from Keyboard
- 4 - Push **ENTER Button**
- 5 - Push **CRSR Button**

Page 7 - VOR Data Page

The VOR Page displays the nearest NDB Identifier, Facility, Position, Frequency, and WX Broadcast

Change VOR Identifier

- 1 - Push **CRSR Button**
- 2 - Click **RIGHT Rocker**
- 3 - Type New Identifier from Keyboard
- 4 - Push **ENTER Button**
- 5 - Push **CRSR Button**

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The Nearest Group can be displayed by Clicking UPPER Rocker or Pressing NRST Button on GPS Panel.

The Nearest Group displays Airports, Intersections, NDBs, and VORs with 200NM of your position.

Nearest Group Pages (Click LEFT or RIGHT Rockers)

Nearest Pages:

- 1 - Nearest Airport
- 2 - Nearest Intersection
- 3 - Nearest NDB
- 4 - Nearest VOR
- 5 - Nearest Airspace

Page 1 - Nearest Airport Page

The Nearest Airport Page displays the nine nearest airports within 200 miles of your position displaying the Airport ICAO Code, bearing (BRG) from your position, Distance (DST) from your position, Approach (APR) available, Tower (twr) frequency, and length of the longest runway (rwy).

- 1 - Push **CRSR Button**
- 2 - Click **UPPER Rocker** to cycle through **Airport List**
- 3 - Push **ENTER Button** to select desired **Airport**
You are now back on the General Airport Data Page of the Waypoint Group (Page 2).
- 4 - To return to the Nearest Airport Page press the **NRST Button**.

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Page 2 - Nearest Intersection Page

The nearest Intersection Page displays the nine nearest intersections within 200 miles of your position displaying the Intersection ID (INT), bearing (BRG) from your position, and distance (DST) from your position.

1 - Push **CRSR Button**

2 - Click **UPPER Rocker** to cycle through Intersection List

3 - Push **ENTER Button** to select desired Intersection
You are now back on the Intersection Data Page of the Waypoint Group (Page 3)

4 - To return to the Nearest Airport Page press the **NRST Button**.

Page 3 - Nearest NDB Page

The nearest Intersection Page displays the nine nearest NDBs within 200 miles of your position displaying the NDB ID (NDB), bearing (BRG) from your position, distance (DST) from your position, and NDB frequency.

1 - Push **CRSR Button**

2 - Click **UPPER Rocker** to cycle through **NDB List**

3 - Push **ENTER Button** to select desired **NDB**
You are now back on the NDB Data Page of the Waypoint Group (Page 3)

4 - To return to the Nearest NDB Page press the **NRST Button**.

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Page 4 - Nearest VOR Page

The nearest Intersection Page displays the nine nearest VORs within 200 miles of your position displaying the VOR ID (VOR), bearing (BRG) from your position, distance (DST) from your position, and VOR frequency.

1 - Push **CRSR Button**

2 - Click **UPPER Rocker** to cycle through **VOR List**

3 - Push **ENTER Button** to select desired **VOR**

You are now back on the VOR Data Page of the Waypoint Group (Page 3)

4 - To return to the Nearest VOR Page press the **NRST Button**.

Page 5 - Nearest Airspace Page

The nearest Airspace Page displays the nine nearest CONTROLLED or SPECIAL USE Airspaces within 200 miles of your position.

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The Direct To Navigation Page can be displayed by Pressing the 'D WPT' Button on GPS Panel.

Select Designated Location

The Direct To Page allows you to navigate directly to a designated location.

- 1 - Click **RIGHT Rocker**
 - 2 - Type location airport ICAO code from keyboard
- OR**
- 1 - Click **UPPER Rocker**
 - 2 - Click **RIGHT Rocker**
 - 3 - Type facility name from keyboard
 - 4 - Press **ENTER Button** to highlight **ACTIVATE?**
 - 5 - Press **ENTER Button** again to select new waypoint.
- Navigation screen will return with new GPS course.

Select Flight plan Waypoint

The Direct To Page allows you to navigate directly to waypoint on your open flight plan.

- 1 - Click **UPPER Rocker** to highlight **FPL Window**. A list of flight plan waypoints will appear.
 - 2 - **Click RIGHT Rocker** to scroll through waypoint list and select desired waypoint.
 - 3 - Press **ENTER Button** to highlight **ACTIVATE?**.
 - 4 - Press **ENTER Button** again to select new waypoint.
- Navigation screen will appear with new GPS course.

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Select Nearest Airport

The Direct To Page allows you navigate to the nearest airport within 200nm.

1 - Click **UPPER Rocker** to highlight **NRST Window**.

A list of airports will appear.

2 - Click **RIGHT Rocker** to scroll through airport list and select desired airport.

3 - Press **ENTER Button** to highlight **ACTIVATE?**.

4 - Press **ENTER Button** again to select new waypoint.

Navigation screen will appear with new GPS course.

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The Active Flight Plan Page can be displayed by Pressing the FPL Button on GPS Panel.

The Active Flight Plan Page displays the waypoints with the active section joined by a red arrow bracket. WAYPOINT, DTK (Desired Track), DIS (Distance to Next Waypoint), and CUM (Cumulative Miles) are also displayed.

- 1 - Press **CRSR Button**
- 2 - Cycle Large Knob to highlight flight plan leg you wish to activate. (You must select the **DESTINATION** waypoint of the leg you wish to activate)
- 3 - Press '**D WYPT**' **Button** twice
- 4 - Press **ENTER Button**
- 5 - Press **ROUTE Button** to return to Navigation Page.

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The Procedures Page can be displayed by Pressing the PROC Button on GPS Panel.

The Procedures Page will display a PROCEDURES window and a LOADED PROCEDURES window.

- 1 - Click **UPPER Rocker** to highlight **Select Approach?**
- 2 - Press **ENTER Button**. The list of available approach procedures window will appear. The Approach Map will also be displayed in the GPS window.
- 3 - Click **UPPER Rocker** to highlight desired approach.
- 4 - Press **ENTER Button**. A window with a list of **Tran** (transition) points will appear.
- 5 - Click **UPPER Rocker** to select desired **Tran** (transition) point.
- 6 - Press **ENTER Button**. **Load?** And **Activate?** Will be highlighted.
- 7 - Click **UPPER Rocker** to select **Load?** or **Activate?**
- 8 - Press **ENTER Button**. Procedure will be loaded into the Flight Plan. It will be available for activation or activated depending on which option you selected. Normally you will **Load** the procedure and **Activate** when you are within 30 miles of the destination airport.

Note: This is the simplest approach procedure method. There are many approach procedures and methods available that go beyond the scope of this checklist. Refer to the *Using the GPS* section in the FS9 Learning Center.