

MANUAL SEARCH PATTERN PROCEDURES

ROUTE SEARCH

Program the flight plan.

Cross Track Error Hold constant

PARALLEL LINE SEARCH (NORTH / SOUTH)

Longitude Hold constant

Latitude Monitor

PARALLEL LINE SEARCH (EAST / WEST)

Longitude Monitor

Latitude Hold constant

CREEPING LINE

Program a flight plan from origin to distant point.

Distance Hold constant

Cross Track Error Monitor

EXPANDING SQUARE

NORTH / SOUTH LEGS

Longitude Hold constant

Latitude Monitor

EAST / WEST LEGS

Longitude Monitor

Latitude Hold constant

SECTOR SEARCH

Program a direct flight plan to target point.

Bearing To Hold constant

Distance To Monitor

GARMIN GPS-400

POWER UP

Avionics ON

Databases Verify

Self-Test Allow and verify

Satellite Status Verify acquisition

NOTE: The terrain database is not updated and may be out of date.

Page groups and pages display in white at the bottom-right of the GPS-400 screen.

Large Knob Page groups

Small Knob Pages

Press the Small Knob to activate / deactivate the cursor. ALWAYS deactivate the cursor when it is no longer needed.

Pressing the small knob on the MAP page will freeze the current position. Pressing ENT will be creating a waypoint at that position.

Press and hold CLR to return to the default NAV page.

CURRENT POSITION

Large Knob NAV group

Small Knob POSITION page

MAP PAGE

Page Group NAV group

Small Knob To MAP page

CONTINUED...

NEAREST AIRPORT OR WAYPOINT

- NRST Press
- Small Knob Choose WPT type
- Direct-To (-D➡) Press

DIRECT-TO NAVIGATION

- Direct-To (-D➡) Press
- Cursor Activate
- Enter facility or waypoint identifier.
- ENT Press

Activate?

- ENT Press

CREATE USER WAYPOINT

- Page Group WPT group
- Small Knob ToUSR page
- Cursor Activate
- USR Field Enter name of waypoint
- ENT Press

Use the large knob to move to the appropriate position field.
 Use distance and bearing for creeping line distant waypoint.
 Use latitude and longitude for all others.

Create?

- ENT Press
- Cursor Deactivate

Write down waypoint name and meaning.

CONTINUED...

MAP DATA FIELDS

Use map data fields on ROUTE, CREEPING LINE, and SECTOR searches for enhanced situational awareness.

- Large Knob NAV group
- Small Knob To MAP page
- MENU Press
- Data Fields On?
- ENT Press

- MENU Press
- Change Fields?
- ENT Press
- Large Knob Choose field
- Small Knob Open data field list

Use XTK for ROUTE and CREEPING LINE searches.
 Use BRG for SECTOR searches.

- Small Knob Choose field
- ENT Press