

Flight Functions (from any HOME screen)

Return to HOME Screen: Blue HOME softkey

Change Altimeter Setting: Press BARO > Turn Right Knob to adjust. Press knob to set.

Heading Bug: Turn Left Knob to adjust -or- Press knob to center.

Altitude Bug: Turn Right Knob to adjust. Press knob to set.

Remote Avionics: Press top vertical softkey to access devices.
Shortcut: Press & hold to toggle between Com 1 & Transponder.

Dim Screen: SCREEN > Turn Left Knob (DIM)

Reset Fuel Quantity: MORE > ENGINE > SET FUEL

Leaning Functions: MORE > ENGINE > LEAN

Display Options

Change Inset: Under Inset to be changed, press INSET. Choose desired display option. (MSG softkey replaces Left Inset softkey during alerts. Press to acknowledge.)

Split Screen PFD: SCREEN > PFD OPTIONS > SPLIT. Choose HSI or CHT/EGT view. Press SPLIT again for full-width PFD.

Show FLIR: SCREEN > PFD OPTIONS > FLIR

PFD Terrain Warning Colors: SCREEN > PFD OPTIONS > TERRAIN

MAP Home Screen: SCREEN > MAP. *Shortcut:* Press & hold SCREEN to toggle between MAP and PFD home screens.

Zoom Map: Press RNG (lower two vertical softkeys)

Change Map Format: SCREEN > MAP OPTIONS > VIEW (choose ARC, CENTER, or NORTH up)

Show Fixes & Intersections: SCREEN > MAP OPTIONS > FIXES > (Choose from None, All, High, Low, or Terminal)

View off-screen waypoints: SCREEN > MAP OPTIONS > SLEW

Show Weather Radar: SCREEN > MAP OPTIONS > SHOW (RADAR)

Show Graphical Engine Instruments: SCREEN > ENG/MAP

Flight Plans & Waypoints

Direct-To from any Home screen: FLT PLAN > DIRECT-TO. Use letter softkeys to enter the waypoint identifier. Press EXIT to activate.

Direct-To from MAP Screen: Press Right Knob. Rotate knob to select waypoint. Press ↵ then Right Knob to activate.

Multi-Leg Flight Plan: FLT PLAN > SEQ MODE > ADD > Use letter keys to enter waypoints. Press Right Knob (NEXT) to move cursor. Turn Right Knob to ENTER and press knob to enter waypoint into list. Repeat until all waypoints are entered. EXIT to activate flight plan.

Activate Leg: Turn Right Knob to highlight last waypoint of leg. Press SET LEG to activate leg.

Go Direct to a waypoint in a flight plan: Highlight waypoint. Press GO DIRECT. EFIS skips waypoints in between, then resumes flight plan.

View Details of waypoint on Flight Plan Screen: Turn Right Knob to highlight waypoint in list. Press RIGHT KNOB twice.

View Details of anything on MAP Screen: Press Right Knob. Rotate knob to highlight item on map. Press knob again to view details.
Shortcut: Note data box on MAP screen for highlighted waypoints.

Using the HSI

Select NAV Source for Autopilot: CDI/OBS > GPS or NAV (Choose from the GPS and NAV (VHF radios) wired into the EFIS.)

Display VOR radial or Localizer on HSI: Enter frequency into connected VHF radio. Press CDI/OBS > NAV to display on HSI.

Tune VOR OBS Course: Radial must be displayed on HSI. Press CDI/OBS > Turn RIGHT KNOB

Display Bearing Pointer(s): CDI/OBS > BRG 1 or BRG 2. Bearing pointers point at the station.

Approach Tasks

Load Synthetic Approach: Airport must be the active GPS waypoint. Press Right Knob > SAP (ARM) > EXIT. Turn & press Left Knob to select runway. Press EXECUTE when ready to intercept course.

Load Approach Plate: Go to WPT DETAILS page > PLATE > Turn Right Knob to select > VIEW (plates must be stored on USB stick)

View Loaded Approach Plate: SCREEN > MAP/CHART

Set Approach Altitudes: MORE > A/P PRESETS > SET DA (Decision Altitude) > Turn RIGHT KNOB to set altitude > Press Knob to enter.

WARNING: DA is advisory only. A/P does not level off at DA. Repeat to SET MISSED ALT (missed approach holding altitude).

Missed Approach (autopilot): Press MISSED softkey to climb at runway heading ground track to preset MISSED (holding) altitude.

Execute Approach (autopilot): Press yellow EXECUTE softkey when cleared for approach to enable autopilot capture of approach course.

Basic Autopilot Controls

Engage: Turn on external switch servo power and ENGAGE/DISENGAGE switch. A/P should hold present pitch and bank.

Heading Mode: Set heading bug. Press RIGHT KNOB > LAT A/P (HDG)

Track GPS: Set up in HDG mode. Enter & activate flight plan or direct-to. CDI/OBS > GPS. Press RIGHT KNOB twice > LAT A/P (ENAV).

Track VOR/LOC: Set up in HDG mode. Enter frequency into connected VHF radio. Press CDI/OBS > NAV. Tune OBS Course if necessary. Press RIGHT KNOB twice > LAT A/P (ENAV)

Change altitude: Turn RIGHT KNOB to set Altitude Bug. Press RIGHT KNOB then SET CLIMB IAS/SET DESCENT RATE to climb or descend at the preset rate -OR- turn RIGHT KNOB to set custom speed/rate. Push RIGHT KNOB to activate climb/descent.

Miscellaneous Features

View Checklist: INSET>CHECKLIST

View Logbook: MORE > LOG BOOK

Record a Demo File: (manual data logging): MORE > DEMO

Access Setup Menu: MORE > SET MENU



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Quick-Reference
Pilot Card Rev. A