

G1000 Screens and Buttons

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Agenda

- Brisk, high-level review of G1000
- Focus on appearance, screens, buttons
- VFR only
- Unifying concepts
 - Navigation
 - Color coding
- Suggestions for further training

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Power On



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Engine Start (Reversionary)



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MFD Splash Screen



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PFD Normal (Basic) Screen



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PFD Top Level Softkeys



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PFD PFD Level Softkeys



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PFD XPDR Level 1 Softkeys



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PFD XPDR Level 2 Softkeys



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PFD Primary Flight Instruments



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PFD HSI Nav Source GPS



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PFD HSI Nav Source VLOC 1



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PFD HSI Nav Source VLOC 2



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PFD Flight Director/Autopilot



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PFD Inset Map and Softkeys



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PFD FPL (Flight Plan) Inset



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PFD →D (DIRECT TO) Inset



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PFD NRST (Nearest) Inset



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PFD TMR/REF Inset

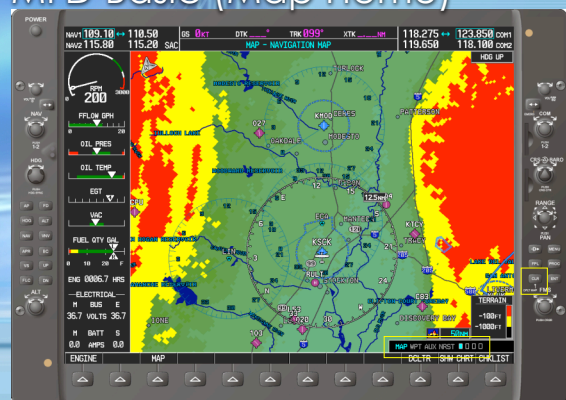


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MFD Basic (Map Home)



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MFD/PFD Navigation Concept

- FMS knobs (two concentric)
 - Press inner knob toggles between cursor and page select modes
- Page select mode (cursor off)
 - Outer knob selects page group
 - Inner knob selects page in group
- Cursor mode (cursor on)
 - Outer knob selects field on page
 - Inner knob changes value in field
 - ENT key accepts new field value



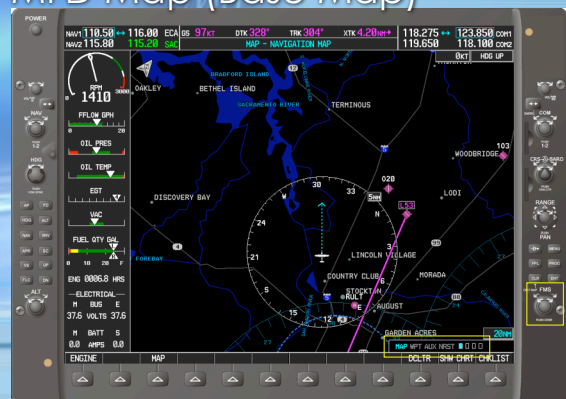
MAP MPT AUX NRST 0 0 0 0

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MFD Map (Base Map)



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MFD Map SafeTaxi Diagram



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MFD Map Top Level Softkeys



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MFD Map TOPO Softkey On

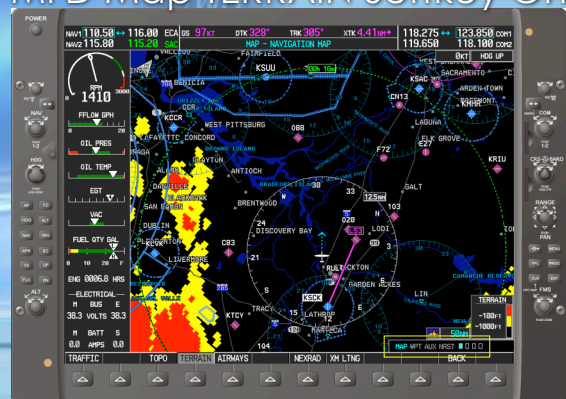


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MFD Map TERRAIN Softkey On



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MFD Map TRAFFIC Softkey On

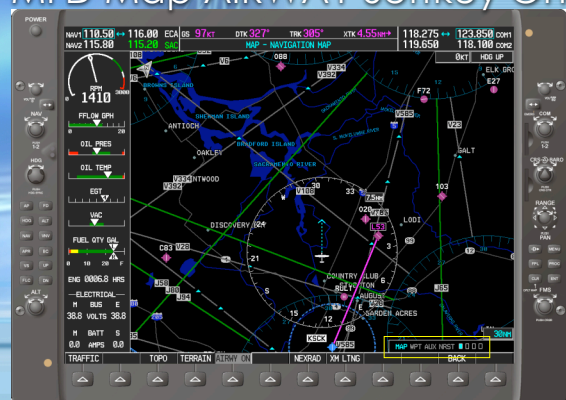


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MFD Map AIRWAY Softkey On

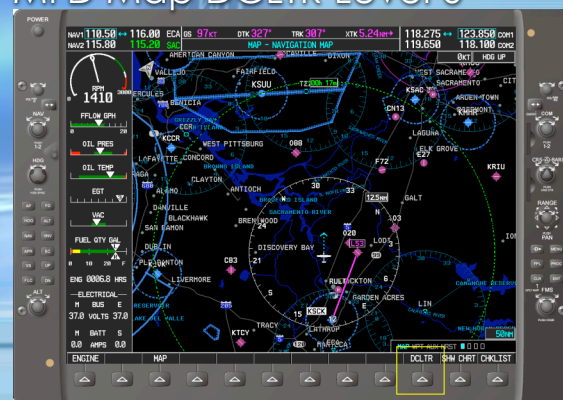


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MFD Map DCLTR Level 0

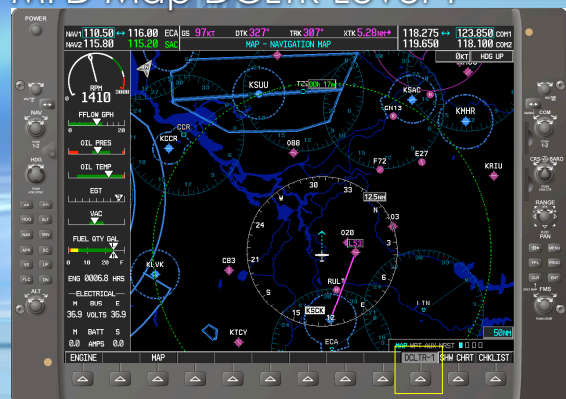


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MFD Map DCLTR Level 1

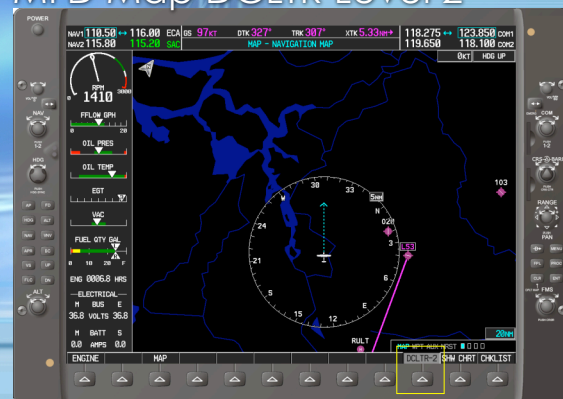


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MFD Map DCLTR Level 2

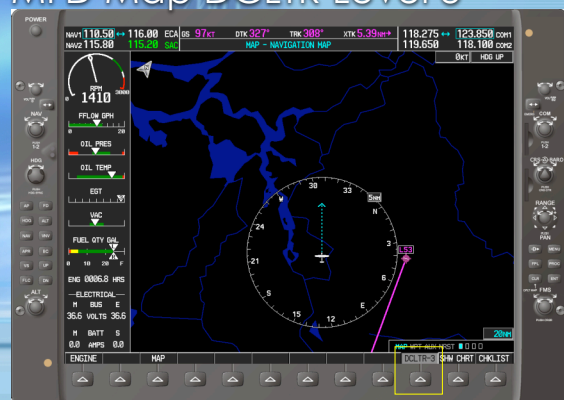


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MFD Map DCLTR Level 3



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MFD Traffic (Dedicated Map)

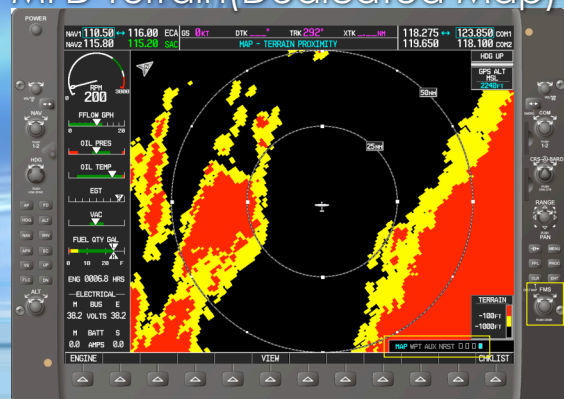


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MFD Terrain (Dedicated Map)

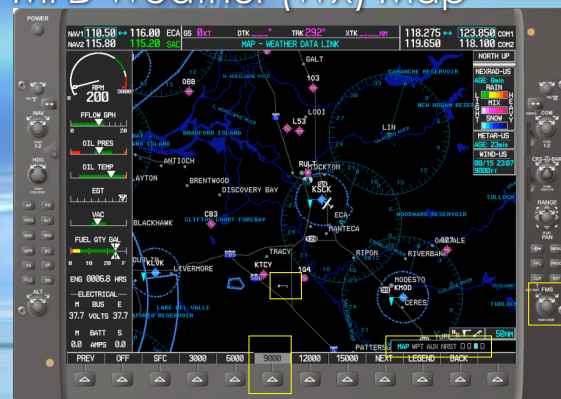


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MFD Weather (WX) Map

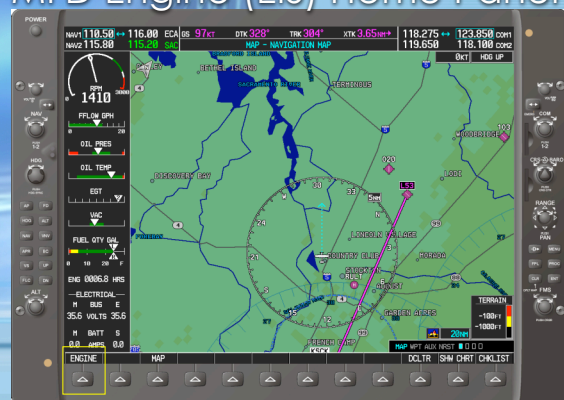


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MFD Engine (EIS) Home Panel

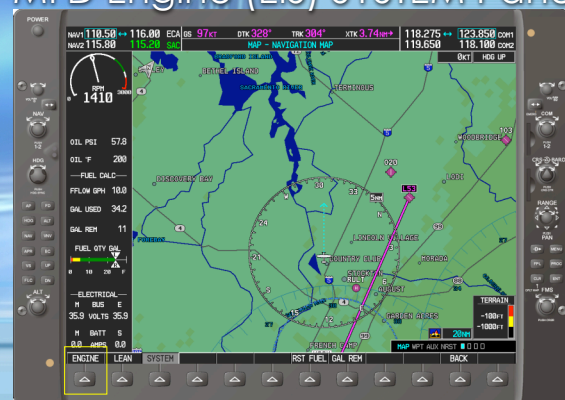


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MFD Engine (EIS) SYSTEM Panel



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MFD Engine (EIS) Lean Assist



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MFD FPL (Flight Plan) Active



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MFD →D (DIRECT TO) Panel



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MFD FPL After →D L53



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MFD Pan PAO Class D Info



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MFD Pan SCK Class D Info

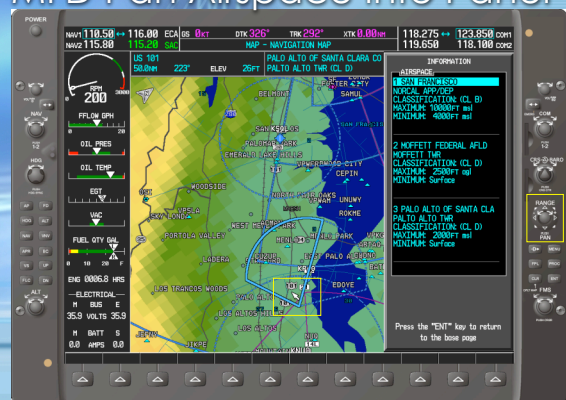


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MFD Pan Airspace Info Panel



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MFD WPT AIRPORT (SCK) Info



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MFD WPT AIRPORT Autotune



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MFD WPT VOR Info



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G1000 Training at SCFC

- PFC MFD MD G1000
 - Authentic G1000 GDU 1044B hardware
 - GFC 700 autopilot
 - VFR/IFR instructor environment
 - Simulated failures of everything possible
 - Loggable toward private or instrument
- G1000 Ground Trainer
 - Cessna Nav III
 - Cirrus Perspective
 - Buttons/knobs/procedures/orientation

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G1000 References

- G1000 Pilot's Guide
 - By manufacturer and model
 - Cessna Nav III (C-172, C-182, C-206)
 - Cessna Corvalis
 - Diamond DA40/DA40F
 - Beechcraft G36 Bonanza
 - By software version number
 - See MFD startup screen
 - See MFD AUX - SYSTEM STATUS page
- G1000 Cockpit Reference
 - Must be present in aircraft (like AROW)

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