

KEY TIMELINES FOR POPULAR GLASS



CESSNA SINGLES

- 2004: G1000 for 182 and 206
- 2005: G1000 for 172
- 2007: WAAS for all and Garmin autopilot for 182 and 206
- 2008: Garmin autopilot in 172

Watch for: Service bulletin compliance, especially with '04 and '05 models; poor XM weather reception; autopilot issues and limitations in Honeywell KAP 140 installations.

CIRRUS AIRCRAFT

- 2003: PFD/MFD flight deck.
- 2004: G2 and GTS airframes.
- 2005: XM and Terrain awareness available (many aircraft added it).
- 2007: G3 airframe for SR22
- 2008: G3 SR20 and Perspective.

Watch for: PFD software/hardware version 5 and earlier as the cost to come to Release 7 for WAAS increases; correctly installed WAAS upgrades; engine data for MFD or PFD and XM weather must already be installed (no retrofit).



DIAMOND AIRCRAFT

- 2003: Limited production of Entegra flight deck on the DA40.
- 2004: G1000 for DA40
- 2005: XM weather DA40
- 2006: G1000 for DA42, Traffic and TAWS-B for DA 40, Garmin autopilots
- 2008: WAAS and Synthetic Vision

Watch for: Service bulletin compliance ; Autopilot limitations in KAP 140 installations.

Of course, there's also Columbia, Mooney, Piper, Beechcraft and more. Your best bet for any aircraft is to get in touch with an owners' group or knowledgeable broker. It may help to know what hardware and software came out in what years. They should also know about non-avionics issues you need look at.

G1000 SOFTWARE TIMELINE

The version is shown in the aux pages on the MFD version. Any later version includes all previous updates.

- 2004 Versions 2.x, 3.x and 4.x
- 2005 5.x. adds GFC 700 autopilot
- 2006 6.x adds TAWS-B, Garmin weather radar, GDU (Readypad), Full-page engine instruments. 7.x adds WAAS support, electronic charting, Safetaxi, ARINC legs, airways, GDL90 (ADS-B) support.
- 2007 8.x adds Safetaxi hotspots, gradient horizon.
- 2008 9.x adds SVT, enhanced vision and Extended Squitter.

ENTEGRAS SOFTWARE TIMELINE

The MFD version appears on startup. The PFD version requires accessing the technician's setup screens.

- 2003: Entegra available in Cirrus
- 2004: Digital charts and XM datalink
- 2005: Engine Instrumentation on PFD
- 2006: Release 6 adds Flight Director, PFD improvements, additional datalink products, USB data loader, and hardware changes.
- 2007: Release 7 adds WAAS/LPV capability, numerous PFD and some MFD improvements.
- 2008: Release 8 adds Canadian, Mexico and Caribbean weather.