6 Abnormal Operations

Emergency Descent

Emergency Descent Mode (EDM) assists pilots of pressurized aircraft in the event of cabin depressurization. Depending on installation type, GTN Xi provides access to this feature via the Emergency app.

> **NOTE**
>
> *While emergency recovery functions can assist in workload reduction, it is the responsibility of the pilot in command to know and follow all published POH/AFM normal and emergency procedures.*

FEATURE REQUIREMENTS

- *GDU 700( )/1060 PFD (host)*
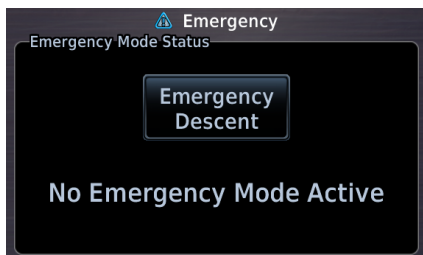- *GFC 600 autopilot configured for EDM*

For automatic activation, GFC 600 must be configured with an air data module that provides cabin pressure monitoring.

FEATURE LIMITATIONS

Availability and the manner in which activation occurs (manual or automatic) are dependent upon configuration.

EDM Activation

Emergency Application Page, GTN 650Xi

⚠ **Emergency**
Emergency Mode Status

Emergency Descent

No Emergency Mode Active

If configured for cabin pressure monitoring, the system monitors cabin pressure once EDM is armed. EDM is considered armed when:

- Autopilot is active
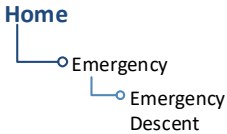- Aircraft is above 15,000 ft MSL

Once armed, activation may occur manually or automatically.

EDM is a function of GDU TXi. For more information regarding functionality, consult *G500(H)/G600/G700 TXi Pilot's Guide*.

Contact a Garmin dealer if your installation does not provide access to emergency features.

Manual Activation

You can activate EDM one of two ways:

From the Home page:

Tap **Emergency** > **Emergency Descent**.

From a dedicated external switch:

Enable the dedicated switch (if configured).

Automatic Activation

If the aircraft experiences decompression and cabin altitude increases beyond the threshold configured for the aircraft, the system automatically triggers EDM.

Upon Activation

The status window displays a warning message and timer.

Emergency descent occurs once the timer expires. This delay can range from 10 to 60 seconds.

Warning and timer indications are identical to those appearing on the Emergency page of the host GDU TXi.

Status messages inform you of mode status.

If manually activated, you may skip the delay and activate EDM immediately by selecting **Emergency Descent** again.

INTENTIONALLY LEFT BLANK