



EGPWS

TAD - Terrain Alert Display

Provides a graphic display of the surrounding terrain on the Weather Radar Indicator.

Digital Values are displayed representing the highest terrain/obstacle elevation and the elevation for the bottom of the lowest color band.

Obstacles 100' elevation or higher

Airport Runways 3500' or longer

The terrain topography (within the display range selected) that is above or within 2,000 feet below the aircraft altitude is presented on the system display.

GREEN

Highest Terrain/Obstacle not within 500 feet of aircraft altitude
(250' w/gear down)

50% **Green** Fill

500' to 1000' below aircraft

YELLOW

Terrain/Obstacle Threat Area Caution

60 Secs. from projected impact

"Caution Terrain"

ALERT UP TO 8 NM

50% **Yellow** Fill

Between 1000' & 2000' feet above aircraft altitude

25% **Yellow** Fill

500' below to 1000' above aircraft altitude

(250' with gear down)

RED

Terrain/Obstacle Threat Area

Warning

50% **Red** Fill

More than 2000' above aircraft altitude

30 Secs. from projected impact:

"Terrain Terrain Pull Up"

ALERT UP TO 4 NM

BLACK

More than 2000' below the aircraft, or within 400' (vertical) of the nearest runway elevation is not displayed.

MAGENTA

Unknown Terrain
Not in Data-Base

500' CALLOUT

EGPWS - Another feature available in the Altitude Callouts is a "Smart 500" foot callout. When selected, this callout assists pilots during a non-precision approach by enunciating "FIVE HUNDRED" feet in addition to any other altitude callout if selected in the initial setup. The EGPWS determines a non-precision approach when Glideslope is greater than 2 dots deviation (valid or not) or a back-course approach is detected.

This feature has the distinction of adding the 500-foot callout during non-precision approaches and removing the 500-foot callout on precision approaches when part of the callout option.

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”**PEAKS**” is a TAD supplemental feature providing additional display features for enhanced situational awareness, independent of the aircraft's altitude. This includes digital elevations for the highest and lowest displayed terrain, additional elevation (color) bands, and a unique representation of 0 MSL elevation (sea level and its corresponding shoreline). This feature is an option, enabled by program pins during installation.