

# WAAS LPV Performance Video

Wide Area Augmentation System  
Lateral Precision with Vertical Guidance

This video depicts the WAAS Navigation Service Performance over a 24-hour period. Because the real time plots are updated every three minutes, the date and time tag in the lower left corner of the video cycles through the previous day's WAAS performance in three minute increments. Please note: The days coincide with GMT time and WAAS service VPLs are calculated on a 1 degree grid.

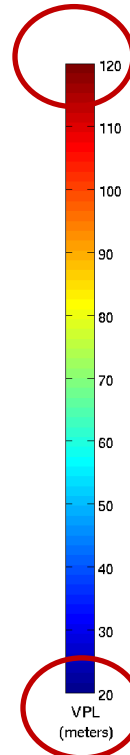
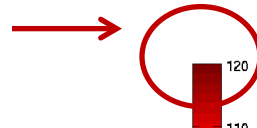
Lateral Precision with Vertical Guidance (LPV), LPV 200, and Lateral Navigation/Vertical Navigation (LNAV/VNAV) Service are shown using:

- a solid yellow contour line to show LPV 200 service
- a solid red contour line to show LPV service
- a dashed black contour line indicating the LNAV/VNAV area

## The Color Scale

The color scale shows the Vertical Protection Level (VPL).

The brown end of the spectrum indicates a high VPL.



The blue end color shows a much lower VPL.

