

On-board OmniSTAR XP Corrections for POS AV

Applanix's POS AV products support on-board OmniSTAR XP real-time differential GPS corrections using a purpose-built GNSS+L Band aircraft antenna and an embedded BD960 GNSS receiver. Until now, Applanix POS AV users needed to add an external SBAS receiver and mount a separate L-Band antenna on the aircraft fuselage to receive these corrections.

OmniSTAR XP is a Satellite Based Augmentation Service (SBAS) that provides real-time corrections for GPS signals in order to improve positioning accuracy. With the on-board capability and single GNSS+L Band antenna, the benefits of SBAS corrections can be obtained without the inconvenience and extra cost of having to source and install third party components. Users only need to install their POS AV system as usual and configure it with an 'XP' subscription purchased directly from OmniSTAR.

<https://www.hydro-international.com/content/news/on-board-omnistar-xp-corrections-for-pos-av-2>
