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Rockwell Collins Pro Line™ WAAS-LPV

StandardAero modernizes your Pro Line avionics equipped aircraft by upgrading with Wide Area Augmentation System / Localizer Performance with Vertical Guidance (WAAS / LPV) to improve and increase your landing options.

How it Works

LPV takes advantage of the Satellite-Based Augmentation Systems (SBAS). Worldwide use of this system is adapted regionally and based upon a combination of satellites and ground stations. WAAS / LPV dramatically improves GPS performance as measured by accuracy, availability, and integrity. This increased performance enables vertical navigation by the GPS.

Benefits

StandardAero will complete your upgrade with the highest quality to maximize your investment while minimizing downtime.

- ▣ Land more places, more often
 - Access to LPV minimums on RNAV approaches
 - Decision altitudes as low as 200 feet
 - Visibility minimums as low as 1/2 mile
- ▣ Enhanced peace of mind with vertically guided approaches where ILS is unavailable
- ▣ Additional backup for ILS in the event that either localizer or glidescope is out of service

StandardAero – The Right Choice

At StandardAero, we have retained a team of the most highly experienced avionics experts in the business and developed unique avionics upgrade and retrofit processes. We put our customers and their aircraft first and do what it takes to deliver superior service and maximum performance from your entire aircraft.

Avionics Technical Sales Contacts:

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TO FIND OUT MORE about WAAS-LPV and other Avionics programs, contact your area representative or visit: <http://www.standardaero.com/avionics/default.aspx>

AVAILABLE FEATURES

LPV (FMS Approach) Capability:

- ▣ Minimums as Low as 200' and 1/2 Mile Visibility
- ▣ Flight Deck Operations for LPV are Very Similar to Those for ILS Approaches
- ▣ Consistent Approach Procedures Throughout the Year – LPV Approaches are Not Subject to Cold Temperature Limitations

SBAS:

- ▣ Regional SBAS Systems Around the Globe
 - WAAS (US, Canada, Mexico)
 - EGNOS (Europe)
 - MSAS (Japan)
 - GAGAN (India)

WAAS Augments the GPS Constellation:

- ▣ Provides Necessary Integrity, Availability, Accuracy and Continuity

LPV Approaches Available:

- ▣ Nearly 4,000 LPV Approaches Outnumber ILS and Growing
- ▣ 83 EGNOS/LPV Approaches Now Available in Europe

Minimum Equipment:

- ▣ Dataloader
- ▣ GPS WAAS Receiver
- ▣ WAAS Capable Active Antenna

