

HOW ALSIM CAN
HELP YOU WITH YOUR
**PBN/LPV
TRAINING**



**OFFER TRAINING FOR
PBN/LPV**

**Be a leader on the market by offering
PBN with LPV training with your simulator.**

ALSIM simulators allow you to train all PBN APCH procedures and associated failures required for your course to be approved:

- » PBN APCH down to LPV minima
- » LPV approach downgrade to LNAV
- » GPS signal loss of integrity
- » RAIM (poor coverage, position warning, raim not available)



LPV - Localizer Performance with Vertical Guidance
PBN - Performance Based Navigation
EGNOS - European Geostationary Navigation Overlay Service

**BE READY FOR
TOMORROW**

**PBN/LPV training will become mandatory by
2020 for all instrument rating training (EASA
requirement).**

We at ALSIM began implementing LPV training capability into our simulators 3 years ago. Today every training organisation using an ALSIM device can profit from these efforts.

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PBN/LPV training with your simulator!**

ALSIM LPV-READY TRAINING SOLUTIONS



AL250



ALX



AL42

LPV / EGNOS FUNCTIONALITIES

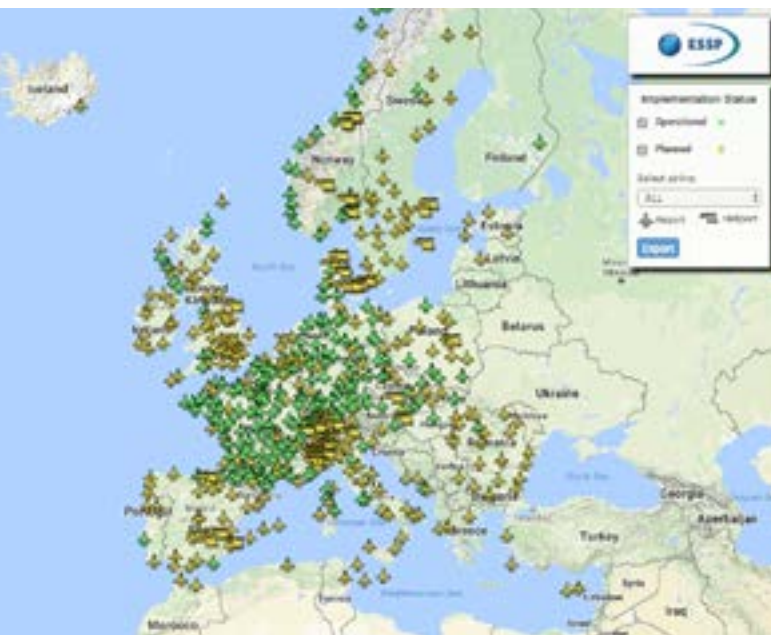
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Discover how LPV works and how ALSIM can help you with compliance.

ABOUT LPV

An increasing number of European regional, business and general aviation operators are equipping their aircraft with EGNOS-enabled avionics, allowing them to take advantage of already published procedures. Furthermore, with the advent of Commission Regulation (EU) 2016/539 of 6 April 2016, which will make EGNOS approach procedures mandatory for instrument rating courses by 2020, localiser performance with vertical guidance (LPV) is on track to become a widely deployed procedure.

Cover photo: © European GNSS



Check for up-to-date LPV approaches around your location!
www.alsim.com/go/lpv-map

EGNOS LPV 200 delivers accurate information on an aircraft approach to a runway with the use of GNSS positioning. An aircraft using EGNOS LPV 200 can make a final approach without visual contact until 200 feet above the runway. The free-to-use LPV-200 represents a key milestone in the development of EGNOS.

KEY FACTS (MARCH 2017 FIGURES)

- » **228 airports across EU with EGNOS based procedures**
- » **424 EGNOS based procedures operational in European airports**

LPV-READY SIMS

These 3 ALSIM simulators are RNP APCH approved

- » LNAV – Lateral navigation
- » LPV – Localizer Performance with Vertical Guidance



al250

YOUR SEP / MEP
IN A COMPACT SIM



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AND 10 FLIGHT MODELS
IN JUST ONE DEVICE



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