



# THE EBAA WELCOMES THE NEW PERFORMANCE BASED NAVIGATION IMPLEMENTING RULE (PBN-IR)

News / Business aviation



The EBAA welcomes the new Performance Based Navigation Implementing Rule (PBN-IR). It opens the door to the large deployment of EGNOS-based procedures at secondary and tertiary airports. EGNOS (1) enables precision approaches with vertical and lateral guidance – so-called LPV.

LPV procedures and LNAV/VNAV(2) approaches will be implemented on all runway ends without precision approach by December 2020 and on all runway ends with precision approach by January 2024.

Ensuring all-weather access at secondary and tertiary airports is very important for the Business Aviation community. Our sector is now in a position to optimise access at more regional airports as this technical innovation is a more economical way to ensure safe operations. LPV approaches guarantee similar performances to ILS(3) cat I (200 feet/800 meters visibility) approaches but do so without the costly ground infrastructure necessary for the implementation of the latter.

**The business aviation segment is a pioneer in the use of EGNOS and most new business aircraft are already equipped. Operators can start using published LPV procedures**

**immediately, without making any upgrades, just by obtaining the operational approval from the authority where the aircraft is registered.**

**The increasing EGNOS penetration will bring real benefits to Regional, Business, Rotorcraft and General Aviation, and hence to the European connectivity and economy**

Please click [here](#) to access to the PBN IR.

Please click [here](#) to access to the LPV map.

*The EBAA represents more than 700 aircraft operators, ground services and business airports. Our industry acts as an enabler for regional and national economic development representing €87 billion in output, with a total workforce of some 374,000 (in)direct jobs. Business Aviation serves 25,280 city or area pairs not connected by nonstop commercial flights and 2017 saw more than 30 ambulance flights a day.*

1. The European Geostationary Navigation Overlay Service (EGNOS) is the first pan-European satellite navigation system.
2. LNAV: Lateral Navigation; VNAV: Vertical Navigation
3. ILS stands for Instrument Landing System.

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