



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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