

FAQs:

[Airspace Usage Requirements - PBN \(Performance-based navigation\)](#), [Airspace Usage requirements](#), [Regulations](#)

Question:

Is EGNOS the only SBAS to be considered for the implementation of RNP APCH procedures down to LPV minima?

Answer:

The PBN IR requires implementation of approach procedures to LPV minima on condition that they are within an appropriate SBAS coverage provided by a certified service provider.

European Geostationary Navigation Overlay Service (EGNOS) is mentioned as a possibility, as the SBAS coverage may be available through other augmentation systems due to geographical considerations. In this regard, Recital (5) states the following: *“the use of satellite-based augmentation systems (SBAS), in particular in the form of the European Geostationary Navigation Overlay Service (EGNOS), should be promoted”*.

Since the PBN IR requirements are generic, they do not limit the deployment to areas where EGNOS coverage exists.

The guidance material published by EASA ([Annex II to ED Decision 2018/013/R](#)) refers to EGNOS, as the navigation service provider has been certified by EASA and the service covers most of the locations where the PBN IR applies.

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Link:

<https://www.easa.europa.eu/pt/faq/134935>