

Airports And Runways With LPV Approaches Continue To Grow In Europe: Jetfly – EGNOS Case

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Credits: Jetfly

[Jetfly Aviation S.A.](#) is a business aviation company currently based in Luxembourg. The group consists of several subsidiaries (in Luxembourg, UK, Germany, Finland, Switzerland and Tunisia) covering all scopes of business aviation operations (fractional, management, charter, maintenance, training and operational support). The company operates the largest Pilatus fleet of PC-12 and PC-24 worldwide (50 aircraft), all aircrafts feature LPV capacities the majority equipped by default from the manufacturing line. Mr Fabien Rousset, Jetfly's Director of Flight Operations & Chief Pilot, shared some insights on Jetfly's operations and their experience with EGNOS and LPV. "Business aviation needs to go where the client demands, being large airports or small airfields. LPV is a critical asset for BA because reaching the destination no matter the weather conditions is a must and, especially in winter, LPV helps to reach smaller airfields with precision and safety".

"We have noticed an increase in the number of airports and runways with LPV procedures, now widespread, as we have a large number of destinations with LPV

and LPV CAT-I. The main advantage is being able to provide more availability of IFR approaches at smaller aerodromes, ensuring we can land even in tough visual conditions. LPV is a huge improvement over older non-precision approaches (NDB, VOR...)"

Mr Rousset stated that "In business aviation, you don't have a choice but to implement EGNOS and LPV capabilities. Clients know a great deal, and they demand the best of the best. When a client asks about the reason for not landing closer to their destination, if it is because you don't have LPV, you have a problem".

"Aside from availability, reliability is paramount. We have rarely had a failure with LPV approaches, except for some instances, due to jamming or spoofing. When operating with ILS, systems sometimes need maintenance, including an out-of-service period of up to two months to be fully restored. LPV is always out there".