

Solutions for helicopter operations and infrastructures



Long term experience in aeronautical domain allows ENAV Group to play an important role in the provision of services and products in the context of rotary wing industry



Heliport and Helipad:

- Design and build of turn key solutions for heliports and helipads (including temporary landing locations)
- Support to certification according to national CAA regulations
- Topographic survey and obstacle database creation and maintenance
- ICAO Obstacle charts
- Heliport landing charts

Operations

- Design and validation of Instrumental Flight Procedures, especially modern PBN - Point In Space procedures
- Safety Assessment
- Validation and certification of the designed procedures/operations according to local CAA requirements

Meteorology

- Design, provision and installation of meteorological sensors and systems (e.g. scalable AWOS)



Performance Based Navigation (PBN) and Point In Space (PInS) Procedures

Performance Based Navigation is an Area navigation based on specific performance requirements for aircraft operating along an ATS route, instrument approach procedure in a designated airspace. This concept allows the use of instrument procedures based on satellite technology (GNSS/ EGNOS) characterised by high precision and reliability.

PBN concept, through the “Point In Space” procedures, supports helicopter operations providing high flexibility in airspace design and ideally the possibility to use any landing location.

Considering that PInS procedures are Instrument Flight Procedures, the main advantage is the possibility to use them also in low visibility conditions, with a considerable increase in productivity.