

réf. **GNSS-INT**

Code OACI 179

ENAC - SINA/EES/ELE

FORMATION EN ANGLAIS

DURÉE

2 jours

PLACES OFFERTES

40

DATES ET LIEUX

No session in 2016, recast in progress

CONDITIONS DE PARTICIPATION

Frais pédagogiques :
Catégorie B
• 2017 : 756 €

Informations pratiques :
voir en fin de catalogue

CONTACT ADMINISTRATIF ENAC

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Bulletin d'inscription obligatoire :
voir en fin de catalogue

Objectifs

This course provides a solid foundation of GNSS integrity for civil aviation applications. It starts with an overview of civil aviation requirement. To ensure the levels required for various phases of flight, different architectures to augment the basic constellations have been defined. These augmentation systems (RAIM, GPS/INS, SBAS and GBAS) and especially the way they provide integrity monitoring are described. This course concludes with Galileo GIC overview.

Participants concernés

Engineers and executives.

Contenu

Integrity requirements & monitoring for civil aviation applications

Ground based Augmentation System

- GBAS typical architecture and implementation
- GBAS correction, integrity message
- Protection levels computation

Satellite Based Augmentation System

- SBAS typical architecture and implementation
- SBAS correction, integrity message
- Protection levels computation

Airborne Based Augmentation System

- RAIM
- AAIM

GALILEO GIC

- Integrity monitoring structure
- Integrity message
- User algorithm

For information only : 12 hours

RESPONSABLE(S) DU STAGE

Anaïs MARTINEAU [Systèmes Informatiques]