

GNSS course

INTRODUCTION:

GNSS is a revolutionary technology that has significantly enhanced the safety, efficiency, and flexibility of air travel. Aircraft rely on GNSS for accurate location data throughout the flight, from takeoff to landing. This is vital for maintaining safe separation between airplanes, especially in busy airspace. Satellite navigation holds much promise for improving flight efficiency and reducing fuel use and greenhouse gases. GNSS does this.

Audience: air traffic controller

Course duration the course takes three weeks in duration including practical exercises.

Language English language with Effective use of standardized phraseology for enhanced safety

Course content:

1. GNSS Theory
2. GPS Segments
3. GPS Position Determination
4. GPS Receiver
5. RAIM & FDE
6. SBAS
7. SBAS Coverage and Service Area
8. GBAS
9. Separation applications
10. ICAO Cir 322 AN 184
11. ICAO Cir 321 AN 183

Course price / trainee: 2000 \$