

GPS

(GLOBAL POSITIONING SYSTEM)

PILOT SPECIALTY COURSE SERIES

SUMMARY

Covers the Global Positioning System (GPS), including components, operating principles and normal operation.

Detailed information on satellite signals, RAIM, and flight crew responsibilities is included, complemented by sections on GPS. Approaches including overlay approaches, RNAV GPS, and RNP AR operations. Additional information includes aircraft requirements, operational requirements, flight crew requirements, and abnormal operation procedures.

The course is available in versions for Boeing and Airbus aircraft, showing aircraft instrumentation for each type.



TARGET POPULATION

Experienced Airline Pilots

Great for pilots requiring initial or recurrent training.



REGULATORY COMPLIANCE*

- ICAO / EASA / FAA / Transport Canada
- Maintains compliance with IOSA standards



DELIVERY MODE

100% online, self-guided



COURSE LENGTH

1 hour

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Aeronautical University™
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LESSON 1: Introduction

- Global Navigation Satellite Systems (GNSS)
- Components
- Operating principles

LESSON 2: Navigation

- Benefits
- User requirements
- Operation
- RAIM
- Abnormal situations

LESSON 3: Approaches

- Approach structure
- GPS overlay approaches
- RNAV GPS approaches
- RNP AR approaches
- Abnormal situations

* Operator is responsible for obtaining approval from the regulatory authority.

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