

TCAS

(TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEMS)

PILOT SPECIALTY COURSE SERIES

SUMMARY

Covers the operation and use of Traffic Alert and Collision Avoidance Systems (TCAS). The course emphasizes operation of TCAS equipment and the flight procedures that are required for response to TCAS Traffic Advisory (TA) and Resolution Advisory (RA) warnings. Information relating to TCAS II version 7.1 is included in the course. This course is available in three versions; one version describes conventional (generic) equipment installations, while the other versions describe (respectively) typical Airbus and Boeing displays. The course is available in versions for standard, A330, B737 and B777 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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LESSON 1: Basic Concepts

- TCAS I and TCAS II systems
- Traffic Advisory (TA) warnings
- Resolution Advisory (RA) warnings
- TCAS limitations

LESSON 2: Operational Factors

- Unlawful acts – Classification
- Current and emerging threats
- People of interest
- Government Agencies
- Security Officers

LESSON 3: Flight Procedures

- Flight procedures – Traffic Advisory (TA) warnings
- Flight procedures – Resolution Advisory (RA) warnings
- Accident review

For additional information on the different versions of this course, please contact us.

* **REGULATORY COMPLIANCE:** This course provides the recommended ground school training, outlined in the ICAO Airborne Collision Avoidance System (ACAS) Manual, Doc 9863, Chapter 5, Essential training and FAA AC 120-55C. Combined with flight simulator training it forms a comprehensive training course that ensures flight crews are familiar with ACAS procedures, capabilities and limitations and are able to respond correctly to ACAS indications.

Operator remains responsible for obtaining approval from the regulatory authority.

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