



Course

Course Description

ACAS Flight Crew Training

The **Airborne Collision Avoidance System II (ACAS II)** has been introduced to **reduce** the risk of mid-air collisions or near mid-air collisions between aircraft. It serves as a last-resort safety net irrespective of any separation standards.

It is required that Flight Crews demonstrate an understanding of ACAS II operation and the criteria used for issuing TAs and RAs as well as the operation of ACAS in the interpretation of presented information by ACAS.

The course has been designed to provide the required academic knowledge and fulfills the **requirements of GM1 CAT.OP.MPA.295**.

The ACAS training will be completed through a test at the end of the course.

Course Content

The ACAS Flight Crew Training Program covers the following topics:

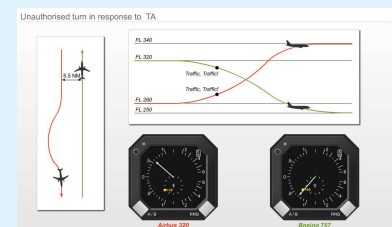
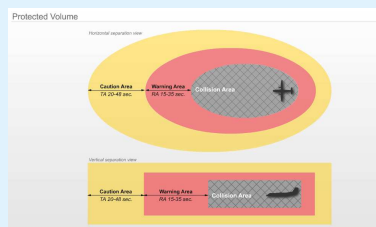
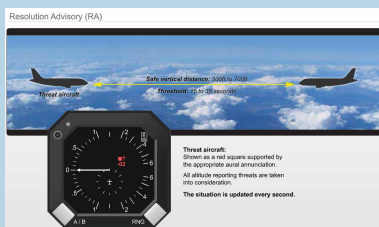
- **Theory of operations**
- **System operation including**
 - Surveillance function
 - Collision avoidance
 - Advisory thresholds
 - ACAS limitations
 - ACAS inhibits
- **Operating procedures including**
 - Use of controls
 - Display interpretation
 - Differences between Version 7.0 and 7.1
 - Operation on the ground
 - Operating modes
- **Case studies**
- **Communication**

Course Duration

2 hours

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