

PANS - OPS

for Regulators I

Course Duration

5 working days

Minimum Required Attendance:

2

Course Location

Switzerland

Cost

10000 €

Includes

Tuition fee only

InstructorsRay Pearce
Lars Finken**Examination**

No

Certificate

Yes

More Information

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Course Objective

At the end of this course, the participant will have a basic understanding about the process of procedure design and the structure of ICAO document 8168, volumes I and II.

Participants

Regulators, Airspace Planners, Quality Assurance Managers. An aviation background will be helpful.

Course Description

Procedure design is a safety critical task. Many jobs in regulating authorities do not require the experts to be trained as fully proficient Procedure Designers. It is rather desirable that they have a profound understanding of the difficulties that actual designers might encounter performing this daily duty. As the regulator is the final step in the approval process of an instrument flight procedure, it is important that he can spot any inconsistencies immediately when reading through a report issued by a procedure designer. The regulator needs a firm knowledge of the structure of doc. 8168 and how to handle deviations from criteria. But he doesn't need the practical drill a Procedure Designer has to go through in order to develop the procedures.

Basic Topics Covered

Structure of the doc 8168
Legal Aspects for the Regulator
Conventional Terminal Procedures
Circling Approach
Conventional Holds

Intermediate Topics Covered

Circling with prescribed track
RNAV Holds
OLS/CRM

Advanced Topics Covered

RNAV/LNAV Approaches
RNAV Departures
Satellite Navigation
Basic GNSS
Augmentation Systems
SBAS
GBAS
APV/baro-VNAV
RNP Concept and Criteria

Exercises

In this course, there are no practical exercises. However, there is a part II to this course, where a more practical approach is used. The class will work through examples of actual reports and the issues will be discussed in plenum.