

# PANS - OPS

## for Managers

**Course Duration**

10 working days

**Minimum Required Attendance:**

2

**Course Location**

Switzerland

**Cost**

18000 €

**Includes**

Tuition fee only

**Instructors**

Ray Pearce

**Examination**

No

**Certificate**

Yes

**More Information**

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**Course Objective**

ICAO doc 8168 Pans Ops Volume I — Flight Procedures - is the basis of this course. The criteria in Vol I will provide participants with an appreciation, from the operational point of view, of the parameters and criteria used in the design of instrument departure ,en-route, arrival and approach procedures. By the end of the course the participants will have a better understanding of the role of the Procedure Specialist in achieving and maintaining an acceptable level of safety in flight operations worldwide.

**Participants**

Managers, Regulators, Operations Personnel and Flight Personnel. An aviation background will be helpful.

**Course Description**

The course outlines the various parameters on which the criteria in Volume II, used by Instrument Flight Procedure Specialists, are based so as to illustrate the need for operational personnel including flight crew to adhere strictly to the published procedures in order to achieve and maintain an acceptable level of safety in operations. The course outlines the criteria for Instrument Flight Procedures and the requirements for the achievement of safe, regular instrument flight operations. These provide the basic guidelines to States, and result in uniform practices at all aerodromes where instrument flight procedures are carried out.

Doc 8168, PANS-OPS, Volume I - contains a description of the terminology to assist in the interpretation of terms which are used in the procedures and have a particular technical meaning. In some cases, the terms are defined in other ICAO documents. A list of abbreviations is also provided. The specifications concerning instrument departure procedures were developed by the Obstacle Clearance Panel (OCP) in 1983. The material contained in Volume I was developed from criteria contained in Volume II and prepared for the use of flight operations personnel including flight crews.

The procedures include areas and obstacle clearance criteria for all phases of flight including instrument departures, covering the airborne portion of the take-off and climb to a point where obstacle clearance criteria associated with the next phase of flight, en route, are applicable. The en route, arrival, holding and approach phases will all be covered

**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.

As the course progresses participants will be encouraged to develop procedures using both conventional and CAD drawing methods during practical exercises.