



Asia-Pacific Flight Procedure Programme

Course Description :

Pans-Ops Procedure Design Initial Course

1. Pre-requisite

Be proficient in the English language. Have experience in a field providing knowledge of aircraft operations and the basic knowledges of the mathematic.

2. Course description

This course provides training in the theory and practice of the specifications contained in ICAO Doc 8168 (Procedures for Air Navigation Services Aircraft Operations , PANS-OPS) Volume II Sixth edition 2014 Part I “FLIGHT PROCEDURES — GENERAL”. In this course, Participants will learn these parts about the conventional procedure design:

General Principles: General information, Accuracy of fixes, Turn area construction,

Departure procedures: General criteria for departure procedures, Standard instrument departures, Published information for departures ,

Arrival and approach procedures: General criteria for arrival and approach procedures, Arrival segment, Initial approach segment, Intermediate approach segment, Final approach segment(including ILS OAS criteria), Missed approach segment, Visual manoeuvring (Circling) area, Charting/aeronautical information publication (AIP),

En-route criteria: En-route criteria,

Holding procedures: Holding criteria, Obstacle clearance

Besides covering the latest specifications in these areas, several guest instructors will be invited to give lectures about **CDO** (Continuous descent operation) and **Quality assurance** for the procedure design.

3. Teachers

ICAO APAC Regional Sub Office Procedure Design Instructors and invited Guest Instructors

4. Who should attend

IFP designers, safety managers, inspectors and technicians who are involved in conventional procedure design.

5. Pedagogical format

Theoretical lectures, Case study, Group exercises and discussions



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6. Duration

4 weeks.

7. Course validation

Progress Test and Examination