



Re-declaration of Runway Distances

Professional Certificate Course

Delivery: Classroom

Duration: 5 days

This course is designed for participants who are involved in aerodrome works where re-declaring distances is a planned event as well as operational staff who may be required to re-declare distances as part of their duties in response to an emergency situation where the runway is inoperable for a period of time.

This course provides participants with a combination of theoretical training and practical exercises in order to gain a full understanding of the fundamentals of re-declaring distances.

Learning Objectives

Upon completing this course, participants will be able to:

- Provide information on when to re-declare runway distances
- Explain the limitations for re-declaration, including weather, night operations and aircraft performance issues
- Describe guidance on how to re-declare distances
- Outline steps to promulgate information and describe the importance of stakeholder consultation
- Perform practical exercises on re-declaration of distances

Target Audience

- Airport management responsible for aerodrome works
- Airfield planners and project managers
- Airside safety and compliance managers
- Duty managers and supervisors who may need to re-declare as part of an emergency situation
- Civil engineering managers
- National regulators

Course Content

- Physical characteristics of runway distances
- Relationship between declared distances and obstacle limitation surfaces (OLS)
- When, why and how to re-declare runway distances



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- Planned runway works
- Emergency re-declaration
- Impact on markings, lighting and nav aids
- Approvals and promulgation of information
- Consultation with operators
- Weather implications - low visibility and night operations
- Aircraft performance issues
- Undertaking calculations