

## TRAINING SUMMARY

Define the standards to meet compliance of the airfield to ICAO and EASA requirements.

Introduction to Air Traffic Management including communication, navigation, and surveillance.

Ground Movement infrastructure. In normal and Low Visibility operations.

SMGCS and A-SMGCS Control scenarios.

Compliance Monitoring through ILCMS technology and periodic inspection.

Airport Safety Case process and the need for Risk and Safety management systems.

Airside working Risks and Safe working practices.

Development of AGL Maintenance Plan and its role in the Aerodrome Manual.

# AGL4 – Airfield Operations and Safety

AGL4 is a 4-day advanced level training course from ATC, focusing on the ICAO Next Generation of Aviation Professionals (NGAP) initiative to ensure that sufficient competent professionals are available to maintain and manage airfield operations in the future.

## ABOUT AIRFIELD TRAINING COMPANY

Since 2016 ATC has been the leading independent airfield lighting training company. We deliver a range of recognised onsite and residential ICAO, FAA and EASA focused AGL Design, Maintenance, Safety & Compliance Inspection courses.

## BEST AGL TRAINING COMPANY 2020 – AVIATION & AEROSPACE AWARDS



## ABOUT THIS COURSE

This AGL4 Airfield Operations and Safety Course is designed to acquaint AGL Engineering and Management personnel with the airfield systems and operations that integrate with AGL. These include topics such as Nav aids, Ground Movement Operations, ILCMS and new technologies and the Safety Management Systems that allow operations to be conducted safely and competently.

AGL4 provides the delegates with an introduction to Communication, Navigation and Surveillance (CNS) systems in use on today's modern airfield, Ground Movement operations with use of ILCMS forming an integral component of A-SMGCS systems as well as airport safety case requirements and the type of documentation required for safety and risk management.

## WHO SHOULD ATTEND?

- ✈ Airport Engineers involved in installation, maintenance, planning and safety case development of AGL systems.
- ✈ Civil & Military contractors engaged in the installation and maintenance of AGL & CCR systems.
- ✈ Civil & Military airside operations

## CERTIFICATION

Having successfully passed the 2-hour exam on day 4, delegates will receive an Airfield Training Company 'ICAO Annex 14 & EASA NGAP Airfield Operations and Safety Course (AGL4)' Certification.



## ATC REFERENCES

Hong Kong Airport  
Kuwait Airport  
Kenyan Airports Authority  
London City Airport  
Jacobs  
Mauritius Airports Authority  
RAF Akrotiri  
Lagan Airports  
Manchester Airport Group  
Thales  
Jamaican Airports Authority  
Riga Airport  
Manila Airports Authority  
BAE Systems  
Evercon AGL Contractors  
RAF Lakenheath  
Dublin Airport  
Rome (FCO) Airport  
West Indies Islands Group  
Bristol Airport  
T. Clarke AGL Contractors  
safegate (Helsinki)  
Bournemouth Airport  
G&A Barnine Contractors  
HIAL (UK)  
Interserve  
Toma Construction

## Residential Training

London  
Manchester  
Dublin  
Hanoi  
Bangkok  
UAE / Dubai

## AGL4 – ICAO Annex 14 / EASA – Airfield Operations & Safety Activities

1. Teach the required best practice ICAO Annex 14 and EASA AGL compliance techniques for the safe maintenance and data recording of CAT I, II, III AGL & CCR systems.
2. Introduction to Air Traffic Management including communication, navigation, and surveillance systems.
3. Ground Movement Infrastructure, taxiway lighting, Stopbars and Taxiway Guidance Signs.
4. The principals of AGLCMS, A-SMGCS, Individual Lamp Control & Monitoring Systems.
5. Compliance Monitoring using ILCMS Systems and Photometric Testing.
6. Correct safe isolation procedures when working on AGL primary circuits & ccr's.
7. Train delegates how to establish correct and efficient AGL inspection, maintenance, and documenting programs.
8. Airside Electrical Safety and situational awareness.
9. Situational Awareness when working on Airfields.
10. Safety Case process and the preparation of safety case documentation.



### HOW TO BOOK

#### ONSITE & RESIDENTIAL TRAINING

Technical Support:  
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