



AFI Plan Aerodromes Certification Project Workshop for ESAF Region (Nairobi, Kenya, 23-26 August 2016)

Aerodrome Certification Relationship with Air Navigation Services

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Overview

- **Aerodrome-ATM Safety related issues**
- **ATM efficiency related issues**
- **Communications, Navigation and Surveillance issues**
- **MET Issues**





Aerodrome-Air Traffic Management Safety Related Issues

- ❑ Lines of responsibility between movement and manoeuvring areas, including taxiways.
- ❑ Control of movement of vehicles and personnel:
 - Airport maintenance programmes
 - Taxiways incursions
- ❑ Coordination of Aerodrome and ATS SMSs





Aerodrome-Air Traffic Management Safety Related Issues

- ❑ Obstacle/Control management
- ❖ Coordination in the implementation of the Annex 14 and Doc 8168 criteria
- ❖ Relationships with stakeholders

- ❑ Low visibility operations
- ❑ Runway Safety Programme





Aerodrome-Air Traffic Management Safety Related Issues

- ❑ Runway Safety Programme
 - Incursions (movement of aircraft on its own power or being towed, vehicles, personnel, wildlife, etc.)
 - Excursions: *timely availability of information on aerodrome conditions required for aircraft approach and landing configuration*
- ❑ Coordinated emergency plans and procedures
 - Preparedness, execution and coordination
- ❑ Events coordination (Hajj, etc.)





Air Traffic Management Efficiency Related Issues

- ❑ Lines of responsibility between movement and manoeuvring areas, including taxiways
- ❑ Coordination in assignment of gates, available movement areas, etc.
- ❑ Coordination of runway and airport (terminal & apron) throughputs
- ❑ Airspace configuration and related operational aspects:
 - wildlife control in relation to areas where low level movements will normally occur, including circling.





Communications, Navigation and Surveillance Issues

- ❑ Control of aerodrome structures (and others in the aerodrome vicinity) in relation to CNS equipment and installations:
 - ILS protected areas
 - VOR signal reflection
 - Nav aids/comms frequency interferences





Meteorology Issues

- ❑ MET farm, including other equipment/installations within the vicinity of the aerodrome





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THANK YOU