

Initiate and manage airfield maintenance operations

Overview

This standard is about initiating and managing airfield maintenance operations. This involves organising the staff and resources to make sure that operations are carried out in line with organisational and airport/airfield procedures and standards, and completed within the required timescales.

This standard is for those working in airport/airfields carrying out management roles. When you have completed this standard, you will be able to demonstrate your knowledge of and ability to:

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Performance criteria

You must be able to:

1. Identify and establish airfield maintenance requirements
2. Develop and implement airfield maintenance procedures and schedules in response to established requirements
3. Initiate airfield maintenance operations according to developed procedures and schedules
4. Allocate staff and resources to undertake the airfield maintenance operations
5. Resolve conflicts between airfield maintenance operations and other airside activities
6. Monitor and manage airfield maintenance operations in line with organisational and airport/airfield procedures and relevant legal requirements
7. Take action when airfield maintenance operations fail to meet operational standards in line with organisational and airport/airfield procedures
8. Communicate information on airfield maintenance operations to all necessary parties in line with organisational and airport/airfield procedures
9. Review and improve airfield maintenance operations in line with organisation and airport/airfield procedures
10. Record and report the required airfield maintenance operations documentation in line with organisational and airport/airfield procedures and relevant legal requirements

Knowledge and understanding

You need to know and understand:

1. How to identify and establish airfield inspection, testing and maintenance requirements
2. How to develop and implement airfield inspection, testing and maintenance procedures and schedules
3. Your organisation's and the airport/airfield's operational standards and relevant legal requirements for airfield condition and serviceability
4. The equipment, materials and staff required to carry out airfield maintenance operations and maintain airfield serviceability
5. Your organisation's and the airport/airfield's recording and reporting procedures in relation to airfield maintenance
6. How to monitor and manage airfield maintenance operations
7. The resources, systems and procedures required to maintain airfield operational standards
8. The different methods for resolving conflict between airfield maintenance operations and other airside activities
9. How to manage your organisation's routine and non-routine airfield maintenance operations
10. The measures to take when airfield maintenance operations fail to meet operational standards
11. How, when and to whom to communicate information on airfield maintenance operations
12. How to review and improve airfield maintenance operations
13. Your organisation's and the airport/airfield's procedures and relevant legal requirements for completing airfield maintenance operations documentation

Scope/range

Airfield maintenance operations include:

- a) Cleaning and sweeping
- b) Surface repairs
- c) Inspections
- d) Systems repairs
- e) Marking operations
- f) Putting up and maintaining signs
- g) Grass cutting
- h) building works

Methods for ways of resolving conflict between airfield maintenance operations and other airside activities include:

- a) Rearranging maintenance
- b) Postponing maintenance
- c) Sectioning off an area
- d) Using warning signs
- e) Stopping other activities

All necessary parties include:

- a) Colleagues
- b) Internal departments
- c) Air traffic control
- d) External agencies

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e) Customers

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