



# ADVISORY CIRCULAR

**CAA-AC-AGA402**

**February 2022**

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## **PROCEDURE FOR APPROVAL OF AERONAUTICAL PERMITS FOR TALL STRUCTURES**

### **1.0 PURPOSE**

This Advisory Circular;

- 1.1 provides guidance on implementation of provisions of the Civil Aviation (Aerodromes) Regulations on obstacle restriction and removal. The airspace around aerodromes is protected in order to ensure safe operations of aircraft. Due to high density of aerodromes in Uganda, a permit is required before any aerial mast or tall structure is constructed.
- 1.2 guides those intending to construct and operate; aerial masts, wind farms, Power utility lines, high rise buildings and other high rise structures.
- 1.3 intends to guide other authorities like National Environmental Management Authority, Uganda Communications Commission, City/town/local Councils and other authorities issuing permits of construction to require aeronautical clearance from the Uganda Civil Aviation Authority (UCAA) as part of their authorization process.
- 1.4 is also useful to consultants designing tall structures and aerial masts to factor in safe operations of aircraft at feasibility and detailed design phase of construction projects.

### **2.0 REFERENCES**

- 2.1 Civil Aviation (Aerodrome) Regulations
- 2.2 ICAO Annex 14 – Volume I
- 2.3 CAA-AC-AGA401 Advisory Circular on Control of
- 2.4 CAA-AC-AGA102 Advisory Circular on Land Use and Environmental Management  
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### **3.0 REGULATORY REQUIREMENTS**

The requirement for obtaining a permission before construction of tall structures is in the Civil Aviation (Aerodromes) Regulation which contains provisions on obstacle restrictions and removal.

A person shall not cause or permit any object, to penetrate the obstacle limitation surface, without the written permission of the Aerodrome Operator, where the object may cause an increase in an obstacle clearance altitude or in the height for an instrument approach procedure or of any associated visual circling procedure.

The aerodrome operator shall in work with the Directorate of Safety, Security and Economic Regulation - UCAA, to review and approve any request for development in the vicinity of an aerodrome, where the object may cause an increase in an obstacle clearance altitude or in the height for an instrument approach procedure or of any associated visual circling procedure.

Authorities should therefore require an aeronautical clearance from UCAA before granting a building permit for aerial masts/structures (e.g. Telecommunication/radio masts, transmission lines), and chimneys, buildings and other elevated structures within a radius of 15km of an aerodrome or a navigation aid. This will ensure compliance to regulations and safe operations of aircraft. The following procedure is currently established to process a permit from UCAA for an aerial mast/structure

### **4.0 APPLICATION FORM.**

The applicant is required to fill an Application form for construction of a tall structure as indicated in Appendix 1.

A dully completed form with a cover letter indicating contact details of the applicant shall be submitted to;

Director Safety, Security and Economic Regulation

Uganda Civil Aviation Authority

P.O.Box 5536 Kampala

Email: [dat@caa.co.ug](mailto:dat@caa.co.ug)

### **5.0 AERONAUTICAL FEE**

Once the Authority is satisfied with correctness of information submitted in the application, it will carry out an assessment and then issue an invoice to the applicant for cost recovery, including the cost of inspection.

## 6.0 ASSESSMENT

The Authority shall carry out an assessment of the proposed construction. The applicant will be advised on the outcomes of the assessment, which may result in grant of permit, a rejection, reduction of height or relocation of the proposed construction. It is therefore prudent to apply for aeronautical permit at the planning stage as part of site selection process.

## 7.0 CONDITIONS OF AN AERONAUTICAL PERMIT

When the Authority (UCAA) issues an aeronautical permit, the applicant is advised to obtain necessary approvals from the relevant State Authorities including; local Government, National Environmental Management Authority (NEMA), Uganda Communication Commission (UCC), Municipal Councils etc.

After erection of the structure, the applicant is required to mark and light the mast with appropriate obstacle marking and lighting. Marking and lighting of obstacles is a mandatory requirement under the Civil Aviation (Aerodrome) Regulation.

## 8.0 CONTACTS

Further guidance and inquiries may be directed to:

Director Safety Security and Economic Regulation,

Uganda Civil Aviation Authority,

P. O. Box 5536, Kampala, Uganda

TEL: +256 312 352100/1

Email: [dat@caa.co.ug](mailto:dat@caa.co.ug)



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**Director Safety Security and Economic Regulation**