



PROCESS OF RESOLUTION OF FREQUENCY INTERFERENCE: CASE OF UGANDA



**INTERNATIONAL
CIVIL AVIATION
ORGANIZATION**



Presented by: Gerald Agaba and Macho
____ David



Uganda Civil Aviation Authority

Outline

01 MOU-UCAA and UCAA

- Key clauses
- Responsibility of each Entity

02 Process of Coordination

- Procedure
- Challenges

01

MOU-UCAA and UCC

1.1 Key clauses

1.2 Responsibility
of each entity



Key Clauses



- ✓ Collaborate and jointly undertake investigations with respect to cases or complaints regarding aeronautical services
- ✓ Participate in regional and international forums particularly where spectrum matters related to aeronautical services are discussed and make to each other any particular interest they may have for support.
- ✓ Jointly participate in NPCs for WRCs.
- ✓ Share with each other relevant information that may be deemed necessary for purposes of executing mandates.
- ✓ Reviewed 5 yearly

1. MOU – UCAA and UCC

Key Clauses



- ✓ Cooperate and work together to identify, map out and designate zones or areas near aviation facilities and installations where no high raised telecommunication infrastructure(s) shall be constructed in exceedance of predetermined height above ground level and requirements for radio communication in the vicinity of airports and heliports.
- ✓ Recognize mandate of each entity
- ✓ Signed by heads of each entity.

02

Process of coordination

2.1 Procedure

2.2 Challenges



1. Process of coordination

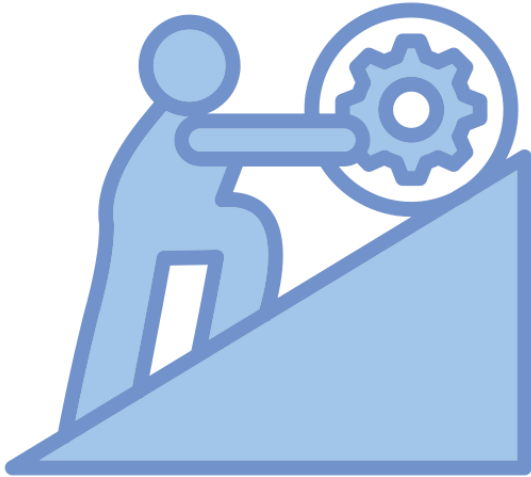
Procedure



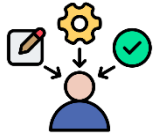
- ✓ Identification of interference (Controller and pilots)
- ✓ Use directional finder for mapping direction of interference where possible.
- ✓ Report to UCC.
- ✓ UCC to as soon as possible try to locate source.(equipped with relevant tool for identification)
- ✓ Take appropriate action (if radio station, it is closed until necessary measures are put in place –filters, Tx power etc)
- ✓ UCAA monitors after appropriate action have been implemented.
- ✓ In case of military; coordination through Civil Military coordination committee is involved to sensitize on effects.

2. Process of coordination

Challenges



- Identification of source of interference is difficult especially if it is for a short time
- Difficult to deal with military swiftly.
- Sufficient tools for onetime monitoring. –R and D department considering this in its future operations.
- Interference only experienced by pilots.(not on ground)



Thank You

