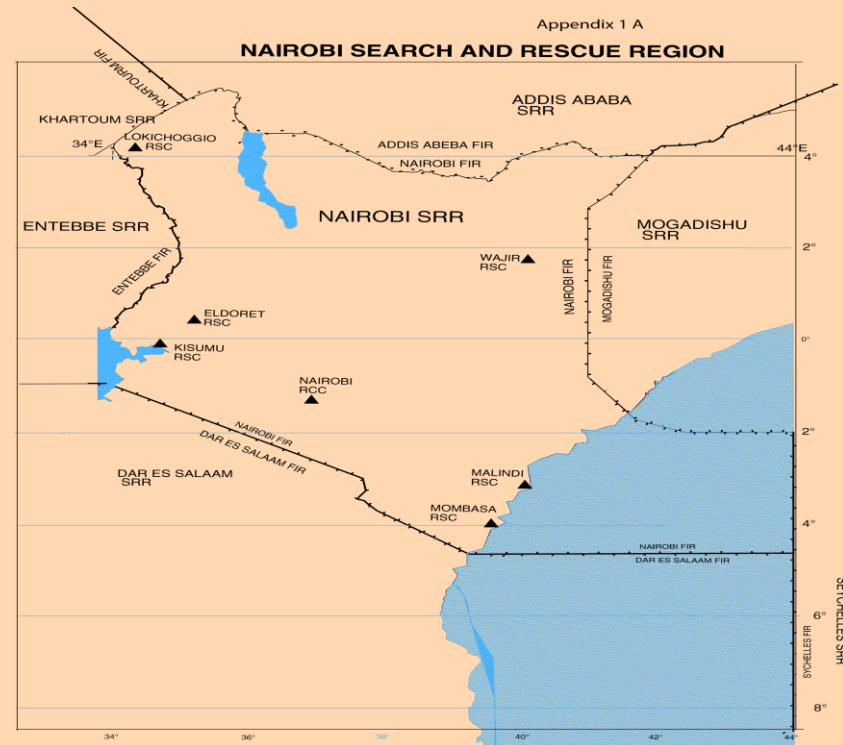


KENYA CIVIL AVIATION AUTHORITY : AERONAUTICAL SEARCH AND RESCUE



OUR EXPERIENCE IN CIVIL SAR

Organization of SAR in Kenya

Ministry Responsible for Aviation



Aeronautical search and rescue Committee



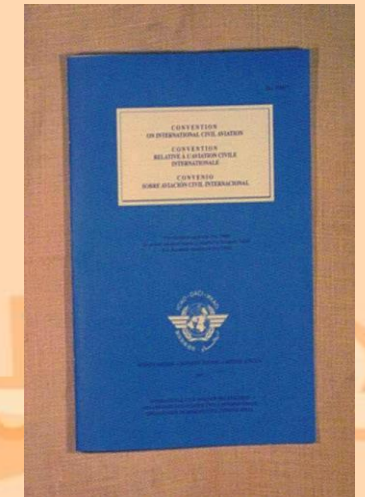
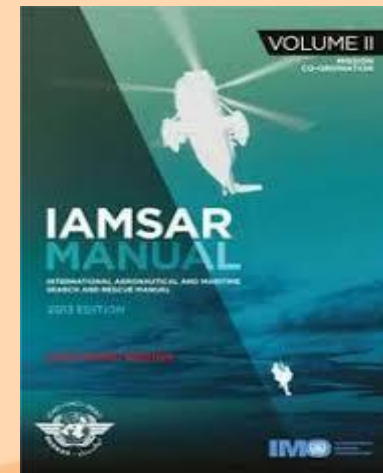
Kenya Civil Aviation Authority(KCAA)



Nairobi Rescue Coordination Centre(RCC)

Legal Basis

- THE CIVIL AVIATION ACT (*No. 21 of 2013*)
- THE CIVIL AVIATION (AERONAUTICAL SEARCH AND RESCUE) REGULATIONS, 2018
- ICAO ANNEX 12
- *IAMSAR MANUAL*



NATIONAL SAR PLAN

- SAR plan for Aeronautical SAR
- National SAR plan incorporating both Aeronautical and Maritime SAR



RESCUE COORDINATION CENTRE (RCC)

NAIROBI RCC

- Fully Functional RCC
 - SAR software
 - Site to site Connection to MCC
 - Dedicated Personnel for RCC Duties



SAR OJT Training

OJT training is conducted for all SAR SMCs before deployment in RCC

The syllabus includes:

- SAR organization
- SAR Resources
- SAR Operating Procedures
- SAR Regulations
- COSPAS SARSAT

SAR OJT Training CONT...

- IBRD
- SAR exercises
- Field mapping of SAR resources
- Field mapping of wreckage



SAR OPERATIONS: WORKING WITH AGENCIES

SAR POINTS OF CONTACT(SPOCs)

- Sensitization meetings each agency
- Each agency has a SAR point of Contact
- Agency SPOCs with sufficient latitude to
- Make decisions when RCC calls on them

SAR OPERATIONS: WORKING WITH AGENCIES

Each agency has provided RCC with details on:-

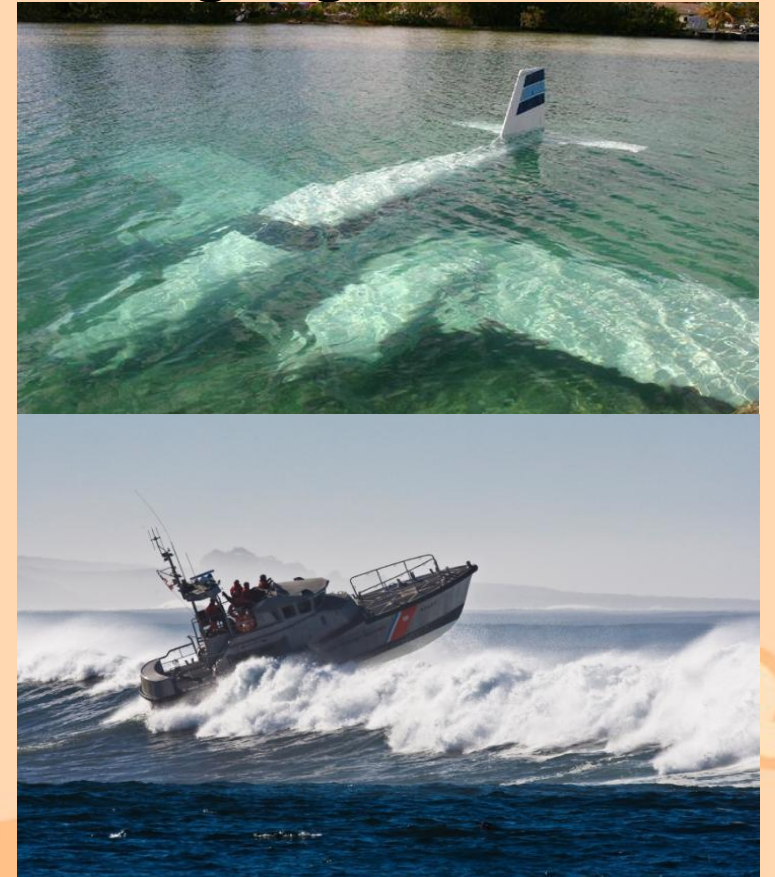
- Numbers of qualified SAR Personnel and their distribution
- Suitable SAR assets owned by agencies and their availability
- Contacts for their operations offices and SPOCs



SAR MOUs

MOUs between Nairobi RCC and the following agencies:

- Aircraft Accident Investigations Department (AAID)
- Kenya Meteorological Department
- Kenya Maritime Department



SAR MOUs with Neighboring SRRs

MOUs between Nairobi RCC and the following SRRs

- Somalia
- Ethiopia
- Seychelles
- Sudan (MOU with South Sudan under draft)
- Joint MOU with Uganda and Tanzania

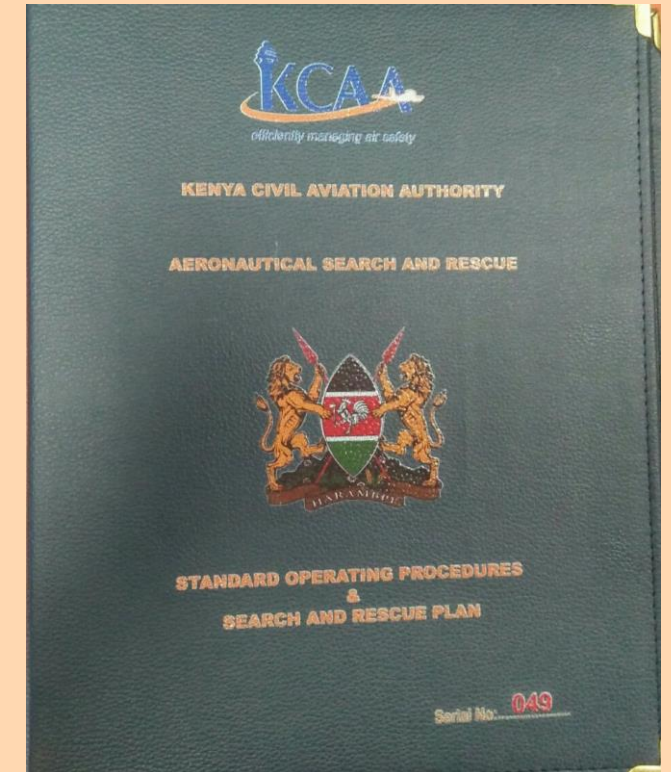
SAR OPERATIONS:SAR STANDARD OPERATING PROCEDURES

The SAR SOP developed in close coordination with Agencies

- Each agency role in the event of A SAR mission is defined in the SAR SOP.
- Hard and soft copies distributed to all agencies with and training on agencies role conducted by agency.

SAR SOP: KEY HIGHLIGHT

- Communication policy
- SAR alerts
- On-site command and control
- RCCs Authority in SAR coordination
- RCCs responsibilities during SAR mission coordination
- SAR units responsibilities



PREVENTIVE SAR: EMERGENCY BEACONS

- Maintenance of the National beacon database under IBRD
- ELT registrations and updating of ELT information- Incorporated in SAR regulations
- Sensitization of operators on ELTs, PLBs usage

PREVENTIVE SAR: SENSITIZATION OF OPERATORS

Awareness campaigns undertaken through:

- Aero club
- Meetings with operators
- General stakeholders meetings

PREVENTIVE SAR: SENSITIZATION OF ATS

Awareness campaigns undertaken through:

- Station meetings for ATCOs
- SAR mission Post mortem reviews
- Stakeholders forums



PREVENTIVE SAR: SENSETIZATION OF PUBLIC

Awareness campaigns to be undertaken through:

- Media
- Field meetings

PREVENTIVE SAR: MAPPING OF AIRCRAFT WRECKAGES

Nairobi RCC collecting information within the Nairobi SRR on Aircraft wreckage as follow:

- Exact location(coordinates)
- State of wreckage(intact or broken)
- Colour of the wreckage



PREVENTIVE SAR: SAR EXERCISES

SAREX common in Nairobi SRR

- Communication Exercise
- Desktop Exercises
- Full Scale exercise

SAR Opportunities and Challenges

Opportunities

- A deeper level of awareness and understanding of SAR
- Better co-operation
- Technological advancement

Challenges

- Numerous false ELT alerts
- Delayed alerting



Q&A



Obrigado!

THANK
YOU

