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# Virtual Workshop on the implementation of an effective Civil – Military Cooperation

## Civil Military Cooperation in Angola

**Jerónimo Rodrigues**

*Senior ATCO*

**Virtual / 27 – 29 April 2021**





## SHARING OF CIVIL MILITARY BEST PRACTICES

- Summary
  - Establishment of civil and military agreement
    - Letter of Agreement
    - Airspace management (FUA)
    - Training/workshops
    - ATS Coordination
    - Categories of services
    - Future events



## **ESTABLISHMENT OF CIVIL AND MILITARY AGREEMENT**

The establishment of a Civil-Military coordination body to manage the general principles of the Mixity Agreement is essential, since the achievement of safety, efficiency, sustainability and sovereignty requirements depends on effective Civil-Military coordination.

Common procedures and the sharing of a work environment and rationale resource management have contributed to the existence of a system that ensures the parameters on which all joint activities, linked to the control and management of airspace in Luanda Flight Information Region (FIR) in a harmonious environment between the two main institutions related to these activities, and which respectively serve the ordering of military and civil aviation.



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## LETTER OF AGREEMENT

The letter of agreement was signed in 2015 and still in force but will be updated soon.



REPÚBLICA DE ANGOLA

**ACORDO DE  
MIXIDADE CIVIL - MILITAR**

ENTRE A

**EMPRESA NACIONAL DE  
EXPLORAÇÃO DE AEROPORTOS  
E NAVEGAÇÃO AÉREA  
ENANA-EP**

E A

**FORÇA AÉREA NACIONAL  
FAN**

RELATIVO À GESTÃO DOS SERVIÇOS DE  
NAVEGAÇÃO AÉREA E DE INFRAESTRUTURAS  
AEROPORTUÁRIAS NA REGIÃO DE INFORMAÇÃO DE  
VOO (RIV) DE LUANDA





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## AIRSPACE MANAGEMENT (ASM)

Establishment of Flexible Use of Airspace (FUA).

Procedures and standards are in force related with the process regarding to procedures of civil-military coordination in terms of efficient airspace management particularly to guarantee the PBN operations.





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## **TRAINING/WOKSHOP**

The agreement covers the training component of military personnel at the Aeronautical Instruction Center (CAI) - ATO according to the syllables prescribed by ICAO and approved by the Angolan civil aviation authority (INAVIC) and, the participation of the military side in WORKSHOPS organized by ENNA-EP in which topics of relevance to aviation and other related subjects to the safety of the operation of civil and military aircraft inside Luanda FIR are also addressed.



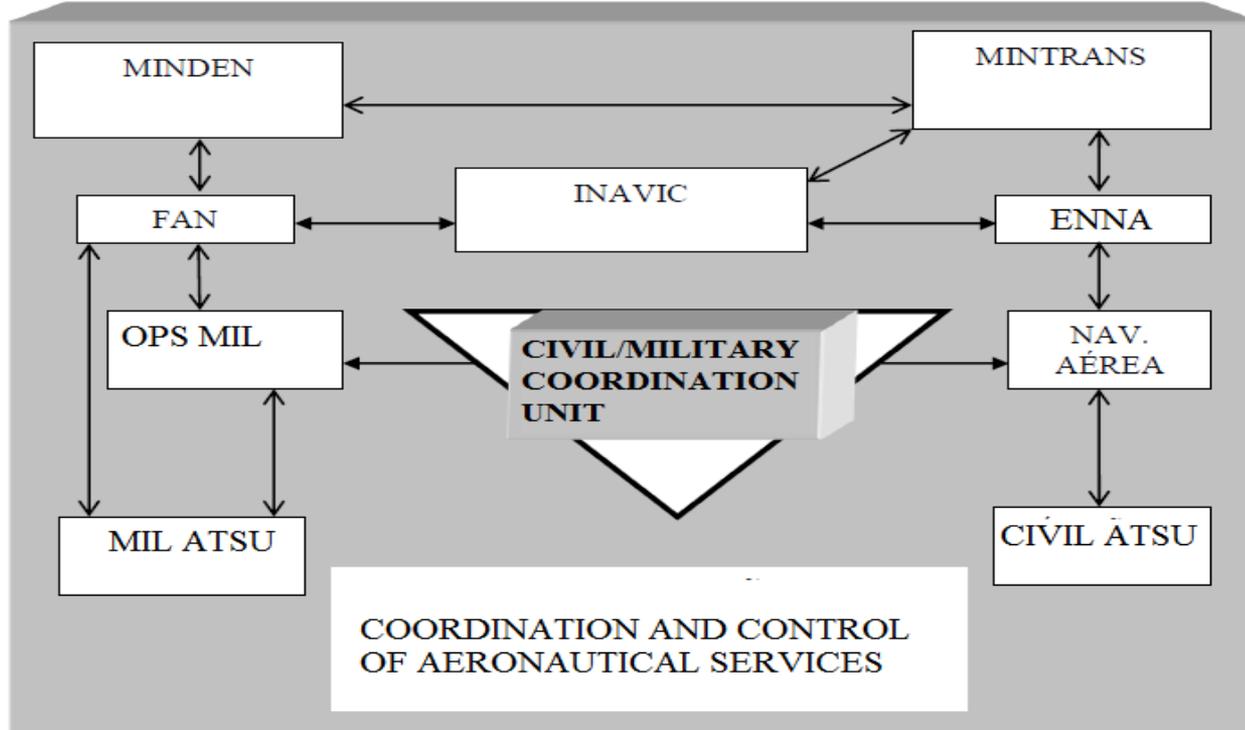
## ATS COORDINATION

- **Military Operations**

- Submission of daily FPL (internal, regional and international operations);
- Military fighters operations;
- Parachuting exercises;
- SAR operations on land and sea;
- MEDEVAC;
- MIL Exercises (joint operations with other countries in the SADC/... regions, etc,etc,etc.)



# ATS COORDINATION





## CATEGORIES OF SERVICES

Airspace Management;  
Management of Communication  
Systems and Equipment;  
Management of Navigation Systems  
and Equipment;  
Management of Surveillance  
Systems and Equipment;  
Air Traffic Services Management;  
Search and Rescue Services  
Management;  
Contingency Plans;

Crisis Management Plan;  
Emergency plan;  
Aeronautical Information Services  
Management;  
Operational Safety Management;  
Management of ATS Incident /  
Accident Prevention and  
Investigation Services;  
Human Resources Management;  
Management of Training Processes;

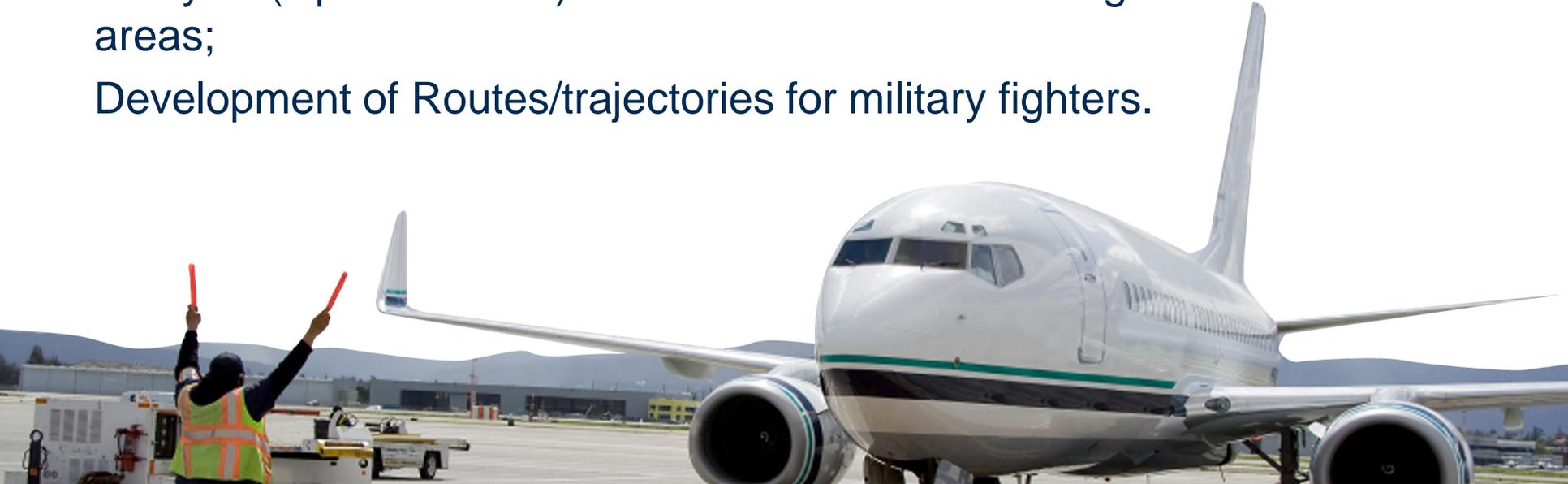


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## FUTURE EVENTS

Studies to create Segregated Airspace for MIL Exercises;  
Analysis (Update/delete) of the exist Restricted/ Dangerous/Prohibited areas;  
Development of Routes/trajectories for military fighters.





## ICAO DOCUMENTS

- Cir 330-AN/189;
- Annex 11;
- Annex 12;
- Annex 15
- Doc 4444;
- Doc 7030;
- Doc 9433;
- Doc 9554;
- Doc 9613;
- Doc 9750;
- Doc.9854
- Doc 8126



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THANK YOU