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CAPACITY & EFFICIENCY

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

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- Introduction.
- Intro continued.
- Letter of Agreements.
- NASAC Civil military working group meeting.
- Flexible Use of Airspace.
- Adapting as applicable Civil Regulations in Military Air-base.
- What we offer UAE Military instead.
- UAS/OAS



Introduction

The two major airspace users in the world today — civil and military. Both aviation sectors are essential to global stability and economies. However, both usually cannot operate simultaneously within the same block of airspace, thus requiring the establishment of boundaries and segregation.

Therefore, in order for international aviation to operate as a safe and harmonious system, a balanced approach to airspace management is needed in a way that harmonizes and meets the needs of international traffic flows and national security.

The rapid growth of Air traffic in the UAE makes it necessary for Civil and military to work together for better Airspace management.

This requires communication, collaboration and cooperation.



Introduction

- Military can be uncomfortable being tasked by civil coordinators
- Civil Proficiency requires vs Military
- The military is rightly concerned about security
- Military procedures change frequently



LOA

- As we all know, Squadron and Air base commanders tend to change by time as they get up-ranked, each new comer tend to change in rules, timings and processes.
- So one of the most beneficial methods that we use in UAE is signing an official Letters of Agreement that has all agreed-on; processes and procedures written down.
- Block-times.
- Agreed Portions of airspace.
- Levels.
- Corridors.



UAE NATIONAL AIRSPACE ADVISORY COMMITTEE (NASAC)

- **Objectives;**

- ✓ Communication, collaboration and cooperation which should result in benefits to airspace management and air traffic management.
- ✓ Higher level of safety, national security and increase airspace capacity.

- **Functions;**

- ✓ Recommend initiatives to provide a high quality service.
- ✓ Coordinate with airspace users.
- ✓ Review the impacts of civil and military operational requirements.
- ✓ Maintain close cooperation with military authorities.



FUA

- airspace is not designated as purely civil or military, but rather as a continuum in which all user requirements are accommodated to the greatest possible extent.
- Increase flight economy by enabling direct flight
- Increase airspace capacity by providing more ATS routes during a specific time period;
- Reduce ATC workload by enhancing ATS route network and associated sectorisation;
- Provide more flexible and closely airspace reservation in line with military operational requirements.
- Military Authorities involvement in airspace planning and management process.
- Several Restricted airspaces were released to civilian use and the UAE military have access to it and when required to be used.



Adapting as applicable Civil Regulations in Military Airports

- Scheduling
- MER's
- Currency
- Occurrence reporting/ investigating
- Airspace, dedicated for both use.
- Air traffic Service is managed by Civilian personnel for Military aircrafts. Dubai



What we offer UAE Military instead

☐ Trainings;

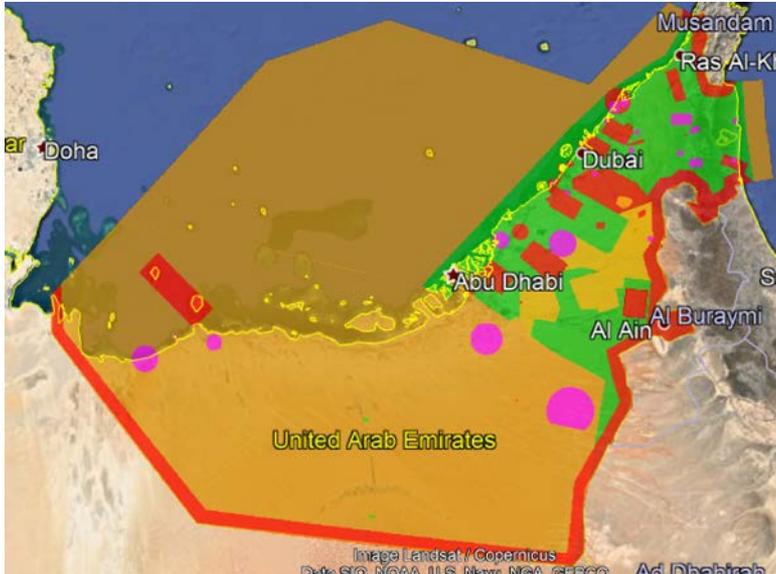
- SMS
- SAR
- Human Factor
- Investigation techniques
- ICAO Aviation introduction courses

☐ English Language Proficiency;

- Familiarization visits to Civil Airports and venues.
- Invitations to attend ICAO Seminars. NATCTC



UAS/OAS



- Some Yellow Shaded Area's can be operated by hobbyists occasionally with the Military approvals in established venues, festivals etc.





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Any Questions ?

THANK YOU