

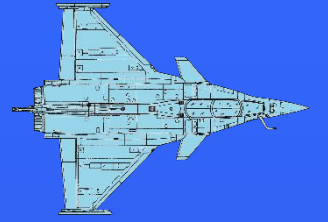
Establishment of Hellenic National Military Airworthiness Authority (HNMAA)

Mission, Organisation, Roles and Responsibilities

Colonel (Eng) Georgios Kokkalas, (HAF)
HNMAA/Director of Continued Airworthiness Directorate

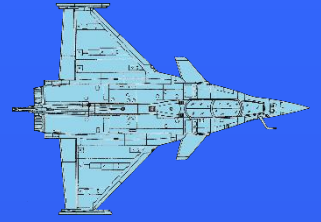
Military Airworthiness Conference
06 Oct 2021

Overview

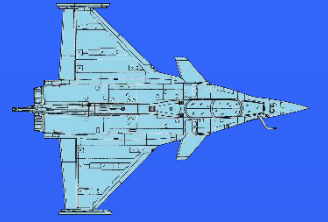


- Background
- Legal Framework – Mission
- Organisation Structure
- Staffing / Qualifications
- Roles – Responsibilities
- Regulated field
- Initial Business Plan – Priorities
- Contact Info

HNMAA Formation Timeline

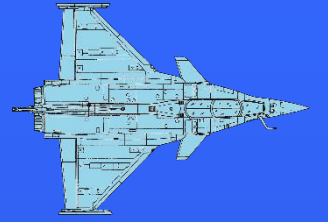


Background



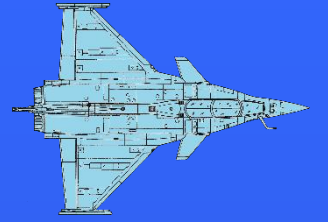
- **Jul 2011:** HAF study on establishment of national MAA approved by Minister of National Defense
- **Mar 2012:** Formation of Joint Working Group (HAF – HA – HN) to propose:
 - National military airworthiness basic framework.
 - Organisation, responsibilities and staffing of MAA.
 - Initial EMAR implementation plan.

Background



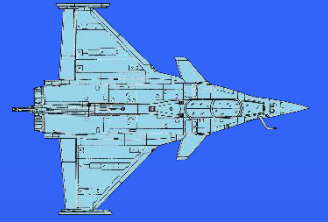
- **Apr 2014:** HMoND approval of EDA Basic Framework Document (BFD) Edition 2.0
- **Apr 2015:** Draft Law proposal to HMoND
- **Jun 2019:** Law (establishment of HNMAA)
- **Oct 2020:** Presidential decree (HNMAA organisation)
- **Mar 2021:** HNMAA start-up

HNMAA Legal Framework – Mission



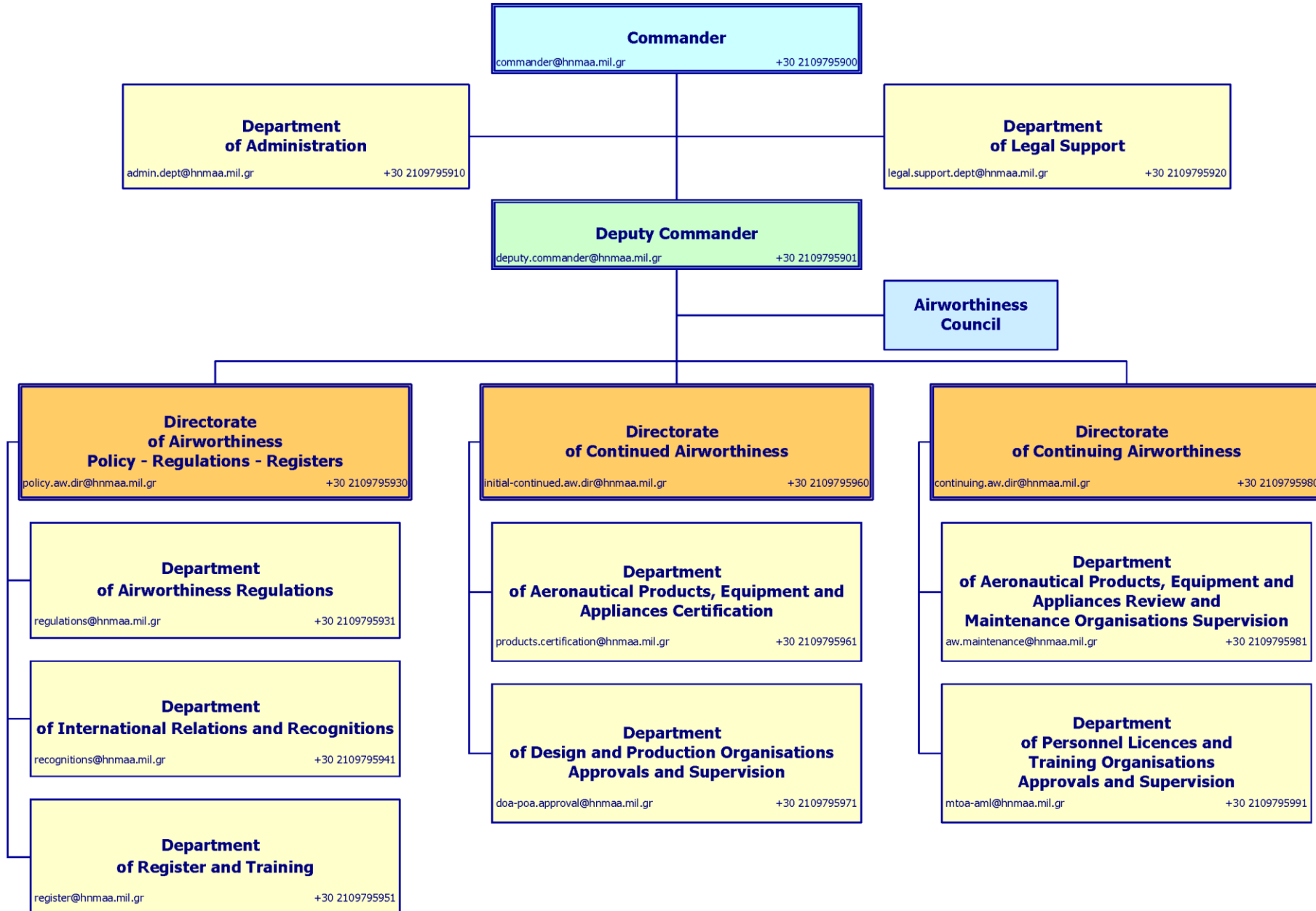
- Legal framework
 - Law 4609/2019 (article 39, National Military AW Authority)
 - Presidential Decree 85/2020 (Military aircraft AW requirements and organisation of HNMAA)
- HNMAA Facilities / Subordination (Law 4609/2019)
 - HNMAA facilities (Vyronas AF Camp, Athens)
 - HNMAA subordination directly to the Chief of the Hellenic Armed Forces General Staff

HNMAA Legal Framework – Mission

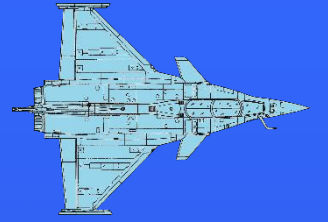


- HNMAA Mission
 - Certification of military aviation products, parts and appliances
 - Approvals of military / civil organisations (design, production, maintenance, training)
 - Recognition of foreign aviation / airworthiness authorities
- Commitment to implement national AW framework based on EMARs

HELLENIC NATIONAL MILITARY AIRWORTHINESS AUTHORITY (HNMAA)



Staffing / Qualifications



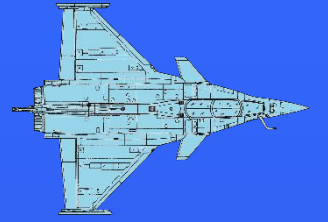
- Initial / Planned Staffing

- Initial (current): **Military Staff: 23**
- Planned: **Military staff: 35, Civil staff: 10**

- Staff qualifications

- Academic qualifications: BSc, MSc in engineering (aeronautical, mechanical, electrical) and other relevant natural / applied sciences (physics, mathematics, etc.)
- Working experience: minimum 10 years in military aviation environment (engineering, production, maintenance, QC/QA)
- Education/training in AW: Military/civil schools, short courses, seminars, etc.

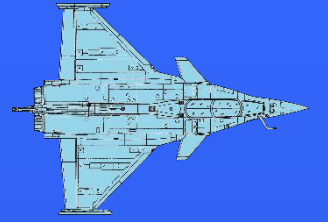
Roles & Responsibilities



- **AW Policy/Regulations/Register Directorate**

- Initial issue, amendment of national AW regulations
- Collaboration / cooperation with military / civil AAs
- Representation of HMoND in international organisations / bilateral / multilateral cooperation in AW
- Recognitions of CAA / MAAs (MARQ)
- Registers management
- HNMAA personnel training

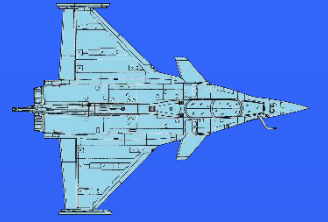
Roles & Responsibilities



- **Continued AW Directorate**

- Determination / approval of type certification basis, type designs
- Issuance of TCs / STCs
- Issuance of CofA
- Issuance / continued surveillance of DOA and POA
- Issuance of AD
- Issuance of MPtF
- Cooperation with MAA /CAAs, MoD Services in flight safety incidents in continued AW topics

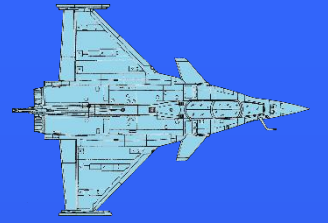
Roles & Responsibilities



• Continuing AW Directorate

- Renewal of CofA (ARC)
- Approvals / surveillance of CAMO and AMO
- Cooperation with MAAs/CAAs, MoD Services in flight safety incidents in continuing AW topics
- Issuance of MAML
- Approvals / surveillance of MTO
- Approval / surveillance of maintenance training programmes and evaluation methods

Regulating Field



- Aircraft

- Military / civil aircraft (750 approx.)
- Various aircraft types (> 30 different types / versions / series)
- Manned / unmanned



Fighter



Transport



Training



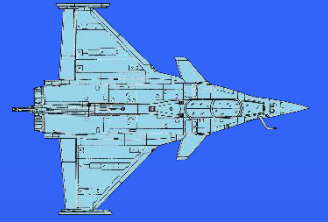
Multirole Missions



Gov / State



Regulated Field

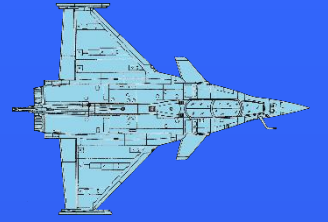


- Organisations

- Military / civil DO (mainly in aircraft mods, aircraft parts and UAS design and production)
- Military / civil AMO
- Military MTO



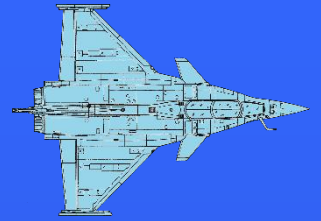
HNMAA Initial Business Plan



- Establishment of joint aircraft register
- Issue National Military AW Regulations (EMAR implementation)
 - HELMAR* 21
 - HELMAR 66/147
 - HELMAR 145/M
- HNMAA recognitions (NATO, bilateral)

* **HELMAR**: **HEL**lenic **M**ilitary **A**irworthiness **R**egulations

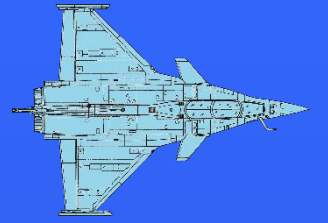
HNMAA Contact Info



- Contact info:

- Postal address: **Vyronas Air Force Camp, Vyronas 16233, Athens, Greece**
- E-mail addresses:

Directorate/Department:	E-mail addresses
Administration	admin.dept@hnmaa.mil.gr
AW Policy/Regulations/Register Dir	policy.aw.dir@hnmaa.mil.gr
Continued AW Dir	initial-continued.aw.dir@hnmaa.mil.gr
Continuing AW Dir	continuing.aw.dir@hnmaa.mil.gr



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