



# LITHUANIAN MILITARY AIRWORTHINESS SYSTEM TRANSITION TO EMAR ENVIRONMENT



**LTC. Vidmantas Jonavičius**

**Chief of Aviation Engineering Division**

**Lithuanian Military Aviation Authority**



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## Lithuanian Aviation law:

- \* delegates privileges to CHOD
- \* implements the military aviation policy;
- \* sets the flight safety & AW requirements;
- \* issues or rejects the issuance of licenses for military aviation specialists;
- \* issues several types of AW certificates;
- \* supervises all the activities mentioned above.

## Aviation Engineering Requirements (AER-95):

- \* eliminated Initial & Continued AW;
- \* permission to Aircraft maintainers and crew (no license required);
- \* different maintenance staff specialties;
- \* the main emphasis is on operational readiness and specific military systems;
- \* focus on crisis and conflict activities.

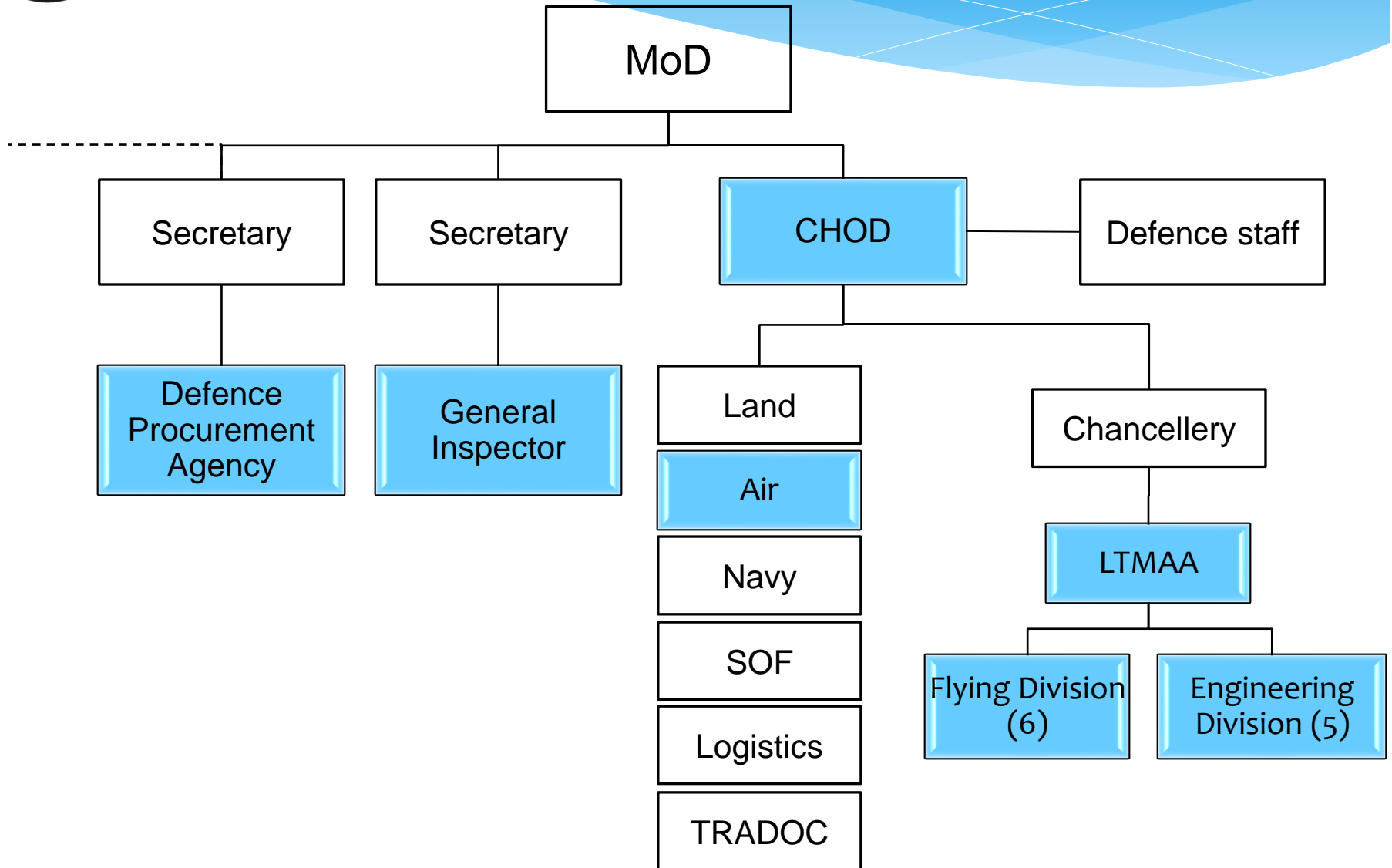


# legacy system

- \* 1995 introduced Aviation Engineering Requirements (five No's)
- \* 1999 KFOR missions lessons learned (An-26)
- \* 2000 Aviation LAW - Flight Safety department established
- \* 2004 LTU joined EU and NATO
- \* 2008 updated Lithuanian Aviation Law
- \* 2009 MoD decision to support EMARs (EDA document No.2009/39)
- \* 2010 AF Aviation Engineering Service established-CAMO predecessor
- \* 2012 implementing new AW regulations w/o success
- \* 2020 LTMAR and implementation plan issued



# organization





# functions & tasks

- \* Military Aircraft Registry
- \* AW / maintenance regulations
- \* Organization approvals / constant supervision
- \* Maintenance staff licensing
- \* AW reviews
- \* Accident & incident investigations



- \* Military Airfield, RLP & SAR site approvals & supervision
- \* Nav, radar, radio & meteo aids supervision



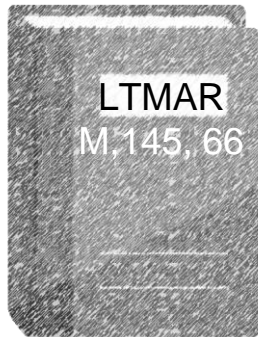
# LTMAR vs legacy system

Requirements	LTMAR	Legacy
Approval of Organization	Required	Not required
Supervision of organization	MAA	MAA & OO
CAMO	Required	Eliminated
Aircraft type certificate	Required	Not required
Aircraft AW surveys	Required	Required
Certificate of Release to Service	Required	Not required
Maintenance staff license validity	Indefinite	No license
Basic & Type training	147 MTO	Self training





# LTMARs & deviations



## M deviations:

- \* MARC is signed by CHOD
- \* LTMAA recommends, CHOD approves, suspends or revokes CAMO (Form 14)

## 145 deviations:

- \* BR & Bmil staff
- \* facility requirements for UAV
- \* No C category for UAV
- \* Flight engineer definition detailed
- \* LTMAA recommends, CHOD approves, suspends or revokes AMO (Form 3)

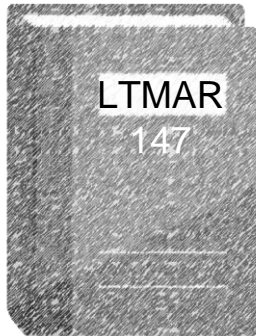
## 66 deviations:

- \* BR & Bmil license
- \* BR & Bmil basic experience requirements and privileges
- \* Alternative MTO acceptable to LTMAA
- \* BR & Bmil training requirements
- \* LTMAA recommends, CHOD approves, suspends or revokes MAML (Form 26)





# LTMARs & deviations



## 147 deviations:

- \* Introductions of BR & Bmil categories
- \* MAA recommends, CHOD approves, suspends or revokes MTO (Form 11)

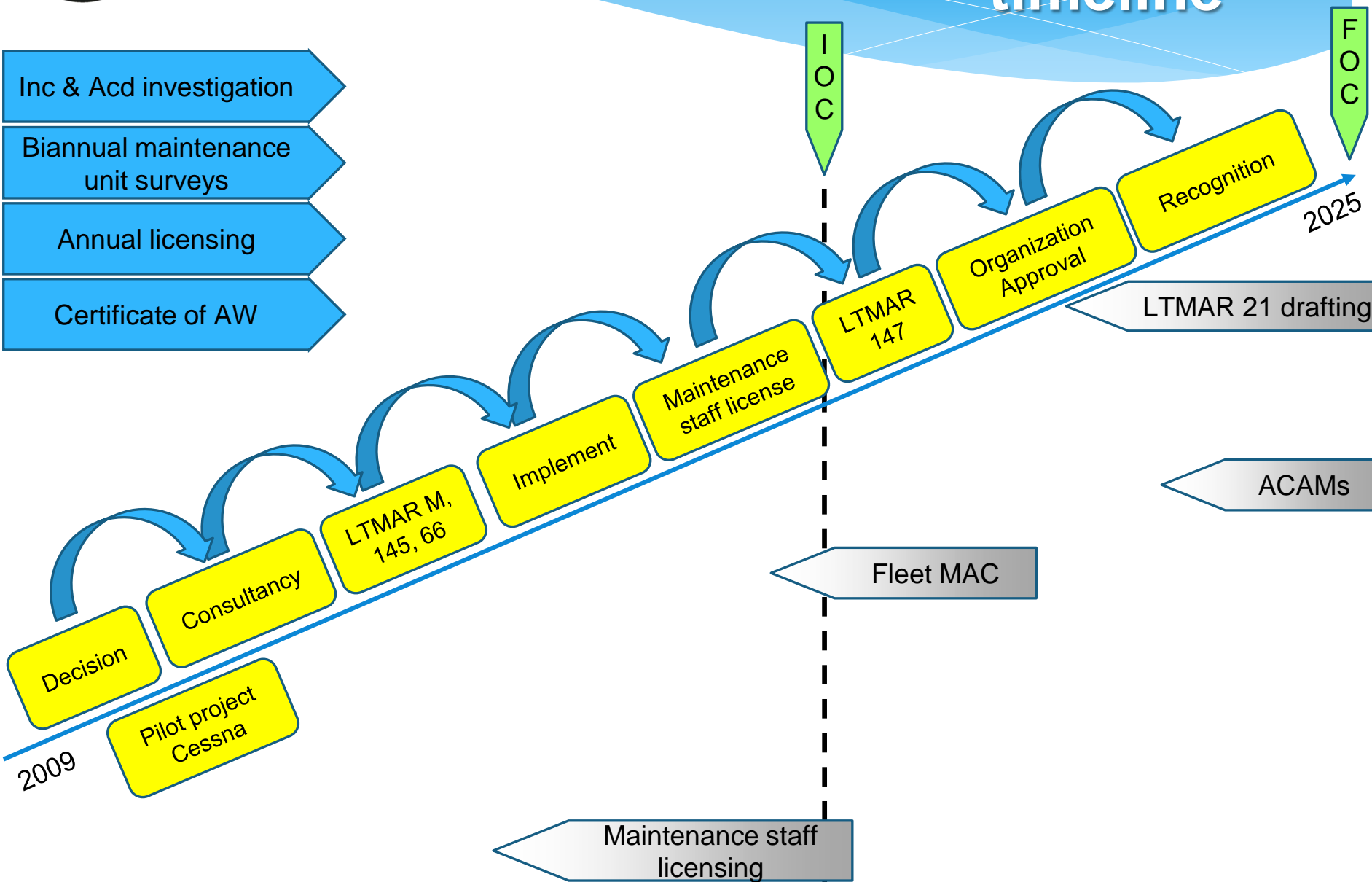


## LTMAR 21 drafting



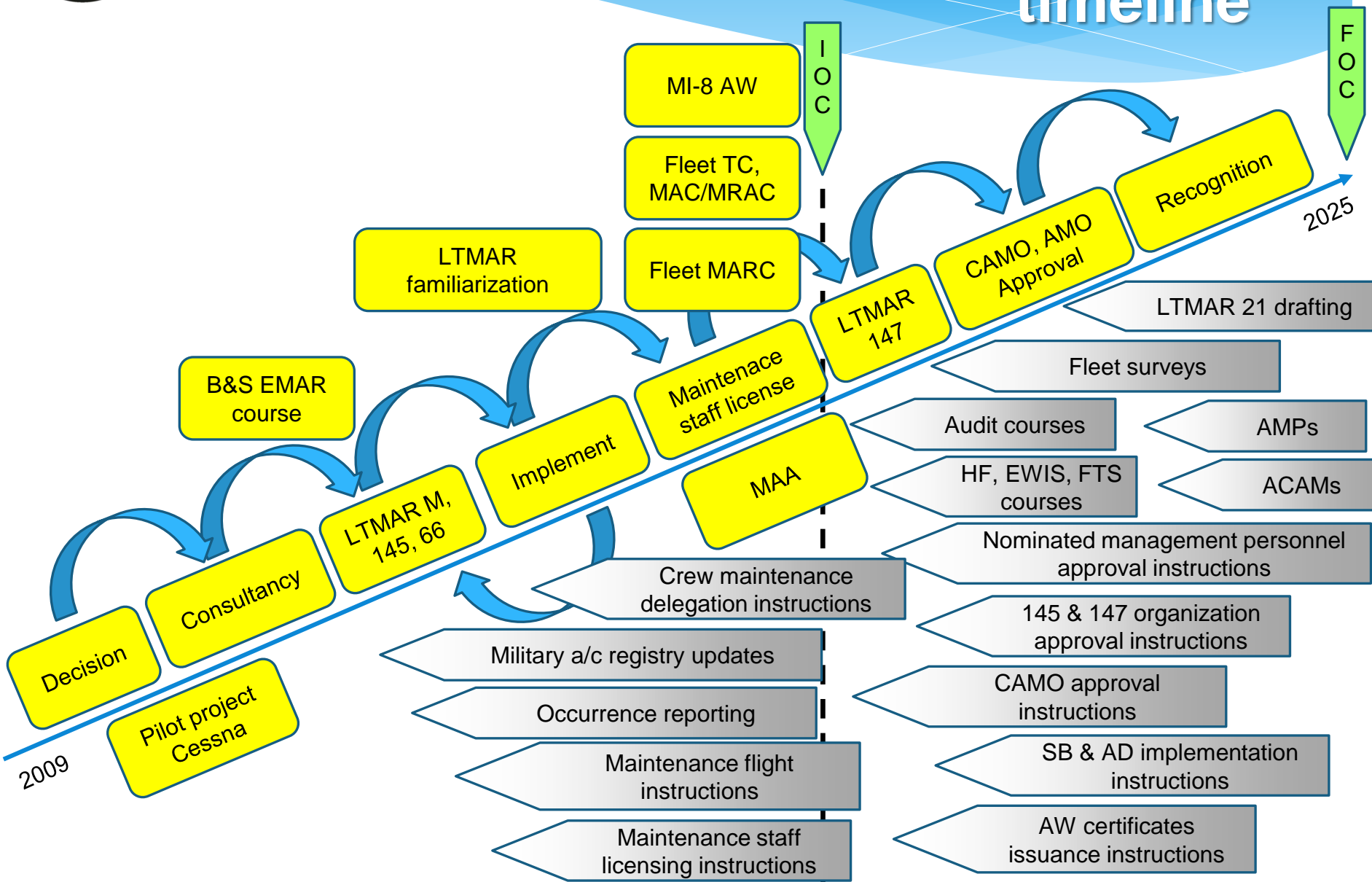
# planned events timeline

- Inc & Acc investigation
- Biannual maintenance unit surveys
- Annual licensing
- Certificate of AW





# actual events timeline





# LTMAR implementation status

## Maintenance staff:

Regulations	License categories					
EMAR 66	A	B1	B2			C
LTMAR 66	A	B1	B2	Bmil	BR	C

- ✓ Licensed personnel – 95
- ✓ Transition period – grandfather's right
- ✓ Experience records
- ✓ FTS, EWIS, HF courses
- ✓ Valid legacy license

## FW:



## RW:



## UAV:



- ✓ (M)TC or alternative means
- ✓ MAC or MRAC
- ✓ MARC
- ✓ AMP
- ✓ Maintenance flight programs
- ✓ MPtF

## Organizations:

LTMAA



AF CAMO



LM: AF AMO



BM: AF AMO (Depot)



- ✓ Structure;
- ✓ Managers;
- ✓ Expositions;
- ✓ Internal audits;
- ✓ Approvals;
- ✓ Surveys



# Mi-8T AW



No DOA or POA

No (M) TC

Political restriction

In service till 2027

Legacy AW system

2023

LTMAR environment

Airworthiness specification

Maintenance data

Life limited components

Mandatory SB & AD

Limitations



2023

Nonconformity to EMAR 21

Global inc & acd rate

Maintenance data

Partners' experience

2023

APPROVED





# UH-60M program

- \* Contract signed with US - FMS case
- \* One of the most equipped
- \* Active participation in PMR meetings
- \* First helicopters in May 2025
- \* Different maintenance staff training policy



- \* Established contacts with SRD
- \* SRD shared MARQ
- \* One way bilateral recognition
- \* Support after delivery of a/c





# recognitions

- \* Bilateral recognition agreements with partners
- \* NATO recognition
- \* LTMAA recognition by US MAA
- \* Under evaluation 3B MAA recognition opportunities







**Q/A**