

### FIRST IMPRESSIONS THE H225M'S FIRST YEAR IN SERVICE IN THE HUNGARIAN DEFENCE FORCES

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# AGENDA

- PROCUREMENT;
- CAPABILITIES OF THE HUN H225M;
- FIRST STEPS;
- TRAINING;
- MISSIONS;
- CHALLENGIES.





# PROCUREMENT

- HELICOPTER FLEET OF THE HDF;
- ZRÍNYI 2026 HDF DEVELOPMENT PROGRAM;
- CONTRACT SIGNED AT 14TH. DEC. 2018.







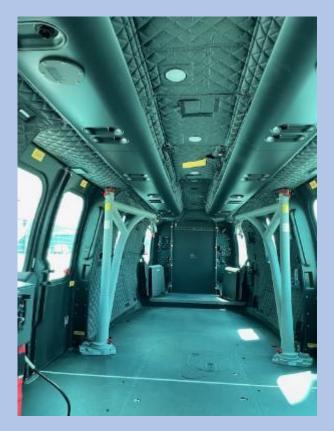


#### AHAZÁÉRI Alegyar honyingic

# CAPABILITIES OF THE HUN H225M

- DAY, NIGHT, VFR/IFR;
- NVG COMPATIBILITY;
- COMM;
- "ROSE" COCKPIT;
- SELF DEFENCE SYSTEM;
- MULTI PURPOSE HELO;
  - TRANSPORTATION (PASSENGERS, CARGO, SLING);
  - SOF (INS, EXT);
  - FIRE SUPPORT (ARMED HELO);
  - PR;
  - SAR;
  - DISASTER RELIEF OPS.







## FIRST STEPS

- 2023: 6 HELICOPTERS (4 TTH, 2 SOF);
- 2024: 6 HELICOPTERS (6 TTH);
- 2025: 4 HELICOPTERS (4 SOF);
- FACTORY ACCEPTANCE;
- FERRY FLIGHT TO HUNGARY;
- LOGISTICS (IPL, LOOSE PARTS).
  - HUGE AMOUNT OF STAFF.





### TRAINING

- AIRBUS TRAINING:
  - H145M BACKGROUND IS A BIG ADVANTAGE;
  - CIVILIAN ROULES, AIRBUS SOP;
  - TYPE RATING;
    - Ground course (France);
    - Simulator training (France);
    - Flight training (France, Hungary; train the trainer);
      - VFR/IFR MP ATR;
      - TRI;
      - MCP;
      - SAR;
      - NVG;
      - SLING, BAMBY BUCKET;
      - HFORCE;
      - EW.





### TRAINING

- TRAINING MANUAL;
- MILITARY OPS;
- FRENCH MENTOR;
- FACTORY TRAINING DOMESTIC TRAINING, DIFFERENCIES;
- THREE SUBUNIT, THREE MAIN CAPABILITIES;
  - Transport Helicopter Battalion;
  - Attack Helicopter Battalion;
  - Special Operation Air Task Unit.





#### MISSIONS

- Disaster relief OPS:
  - Fire fighting mission in North-Macedonia (6 days, 50 flight hours);
  - Fire fighting mission and flood in Hungary;
- EUFOR
  - From 01.OKT.2024., Sarajevo, Camp Butmir.







### CHALLENGIES

#### •BASE AND LINE MAINTENANCE;

- •COMPLEX HELO;
- FACTORY ACCEPTANCE;
  - Quality issues improving;
- •HUMAN RESOURCES:
  - Ground crew: multiple types;
    - Russian-Airbus, different philosophy;
    - AIRBUS HELICOPTER, BUT NOT H145M;
    - OJT, 1 year experience, licences;





### CHALLENGIES

#### •BASE AND LINE MAINTENANCE;

- Lack of tools, equipment- solved;
- ENVISION, CAMO, WORK ORDERS-solved

#### •HUMS-lot of maintenance;

- Makes MCP's life much easier;
- Early warning...prediction of malfunctions;
- AGB problems;



• TECH REPS (LOG, CAMO, B1, B2), FRENCH MAINTENANCE MENTORS (CIVIL-MILITARY RULES, REQUIREMENTS).



#### CHALLENGIES

#### • AIR CREW:

- Really good HELO;
  - Few in flight EMER:
    - 11 in flight malfunctions;
    - 46 discrepancies;
- Fleet avialability:
  - 12,5%: unscheduled maintenance;
  - 12%: scheduled maintenance;
  - 7,2% missing parts;
  - Other.
- Malfunctions: 60% airframe-engine, 40% avio.
- Russian helos-H145M-H225M:
  - Which one is better: small, or big differencies?





# THANK YOU FOR YOUR ATTENTION!





