



AF&AD Brigade

Modernization of helicopter units in the Armed Forces of Bosnia and Herzegovina



COMMANDER
Colonel
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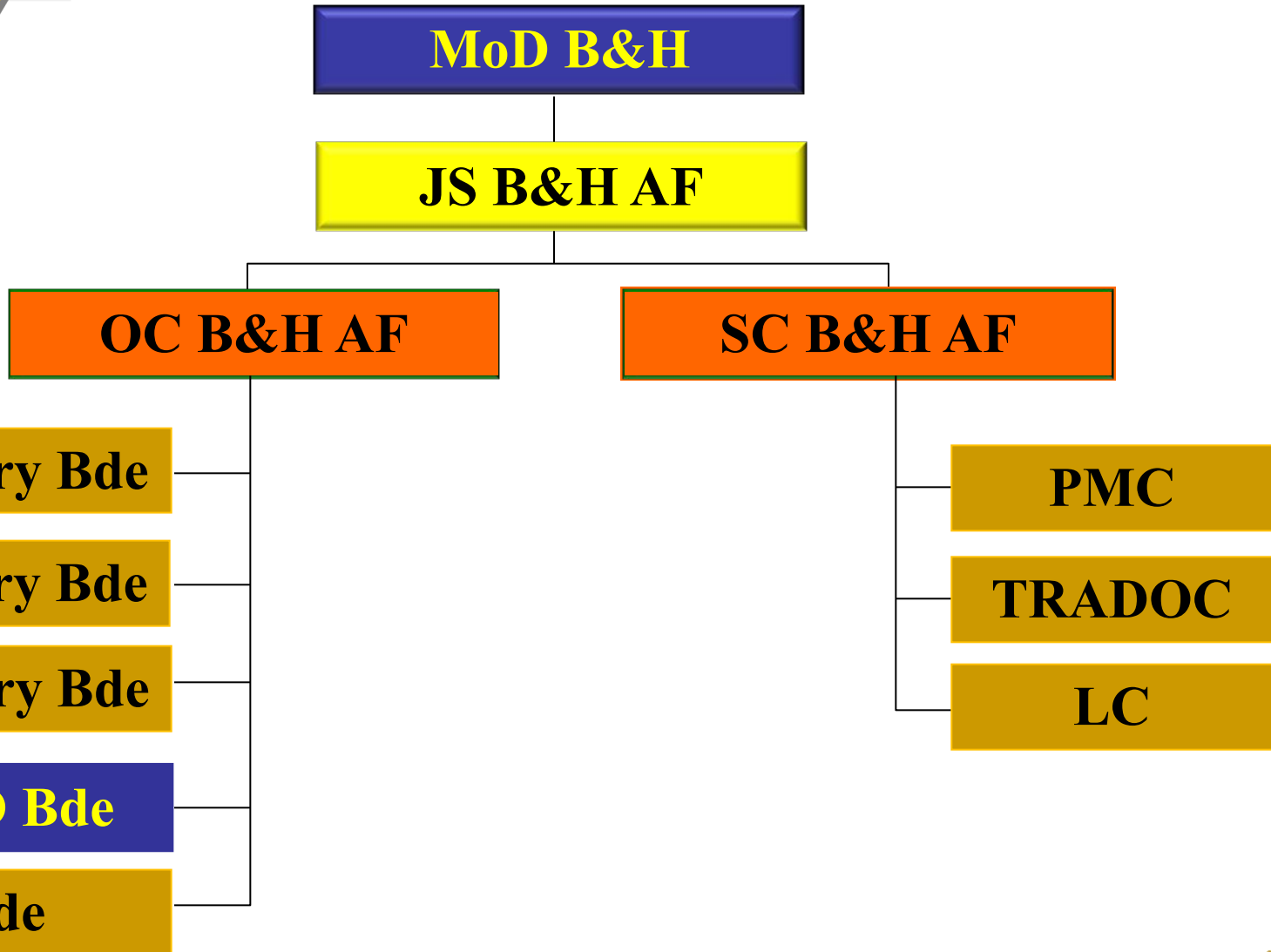


Agenda

- 1. BiH Armed Forces Structure**
- 2. AF&AD Bde Structure**
- 3. AF&AD Bde Mission**
- 4. METL**
- 5. What we had before**
- 6. Why we changed and how it is going**
- 7. Modernization**
- 8. Future plans and opportunities**
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1. B&H AF Structure



2. AF&AD Bde Structure



AF&AD HQ

*“Kozara” Barracks
Banja Luka*

1st HSq

*Airport
Mahovljani*



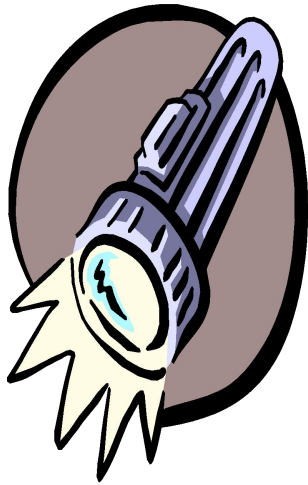
2nd HSq

*Rajlovac
Barracks*



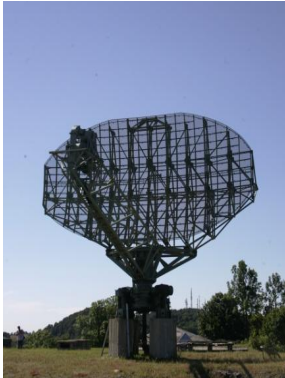
FS Bn

*Rajlovac
Barracks*



AS Bn

*“Kozara”
Barracks*



AD Bn

*Rajlovac
Barracks*





3. AF&AD Bde Mission



- **Protection of B&H air sovereignty and territorial integrity**
- **Air support of ground units**
- **Support of civilian authority in case of natural disasters or other needs**





4.METL

- **Protection of the BH airspace sovereignty**
- **Air support of the ground units**
- **Air reconnaissance**
- **SAR**
- **MEDEVAC and CASEVAC**
- **Air transport**
- **Fire fighting**



5. What we had before



1. 1st Helicopter Squadron was equipped with two platforms:

- *Mikoyan Mi-8T*
(*Troops transport, firefighting, SAR*)
- *Sa-341/342 Gazelle*
(*Training, RECCE, Reppeling, AirMEDEVAC*)



5. What we had before



2. 2nd Helicopter Squadron was equipped with two platforms:

- *Mikoyan Mi-8MTV*
(*Troops transport, firefighting, SAR*)
- *UH-1H Iroquese*
(*Troops transport, firefighting, SAR, AirMEDEVAC*)



5. What „others“ have



3. Direkcija RS

- *Agusta Westland AW119 Koala*
(*firefighting, SAR, Air transport*)
- *Sa-341 Gazelle*
- *Bell 206 „Jet Ranger“*
(*AirMEDEVAC*)



5. What „others“ have



3. Ministry of Interior of Republic of Srpska
 - *ANSAT*



5. What „others“ have



3. Sarajevo Canton Ministry of Interior

- *Bell 412 EPX*
(*SAR, Air transport, firefight*)



6. Why we changed and how it is going

Due to the fact that all helicopter platforms were succeeded or procured with number of years of service, difficulties with spare parts, EOL for some types we had to analyze general state of things and prepare modernisation plan for future.

Transition phase brought in procurement of 4 UH-1H II (Huey 2). We decided to end with Mi-8 platform as cost of maintenance and overhauling doesn't pay off in long term.

Also we kept UH-1H Iroquese and SA 341/342 Gazelle platforms until finalisation of modernisation plan.



7. Modernization



Helicopters

- Mission
- Old and outdated
- Maintenance issues
- Spare parts procurement

Defense review and Modernis. Plan

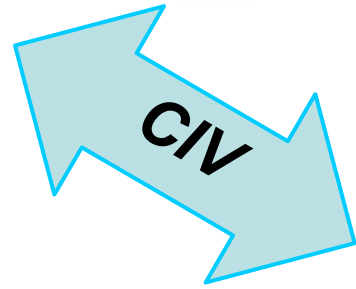
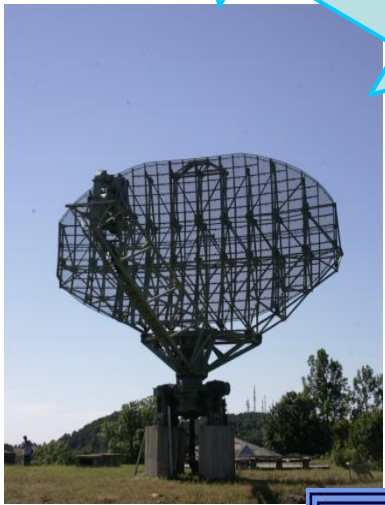
- 8 Medium Transport Helicopters
- 15 Utility Light Helicopters

Timeline

2019	2020	2021	2022	2023	2024	2025	2026	2027
<ul style="list-style-type: none"> - Maintenance UH-1H - Maintenance UH-1H II - Maintenance Gazelle <p><u>Procurement:</u></p> <ul style="list-style-type: none"> - 2 Medium Transport Helicopters - 4 Utility Light Helicopters 						<p><u>Procurement:</u></p> <ul style="list-style-type: none"> - 8 Medium Transport Helicopters - 15 Utility Light Helicopters 		



8. Future plans and opportunities



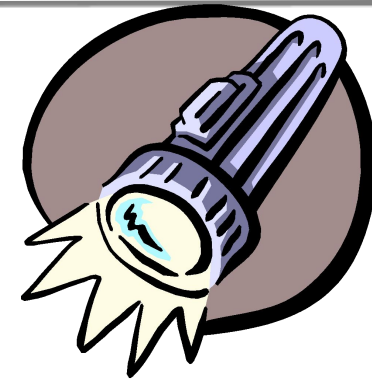
9. Issues



- *Continuous shortage of essential means for implementatiton of helicopter maintenance (spare parts, tools..)*
- *Several different types of helicopters*
- *Helicopters are outdated (tehnically and by their age)*



9. Challenges



Long Term

- **Education and training of AF personnel**
 - *Pilots*
 - *Technicians*
 - *AD and AS personnel*
- **Defense Review**
- **Development and Modernization Plan**





10. Q & A

