



AUSTRIAN ARMED FORCES
Aviation Brigade

The challenges in implementing new systems to support pilots

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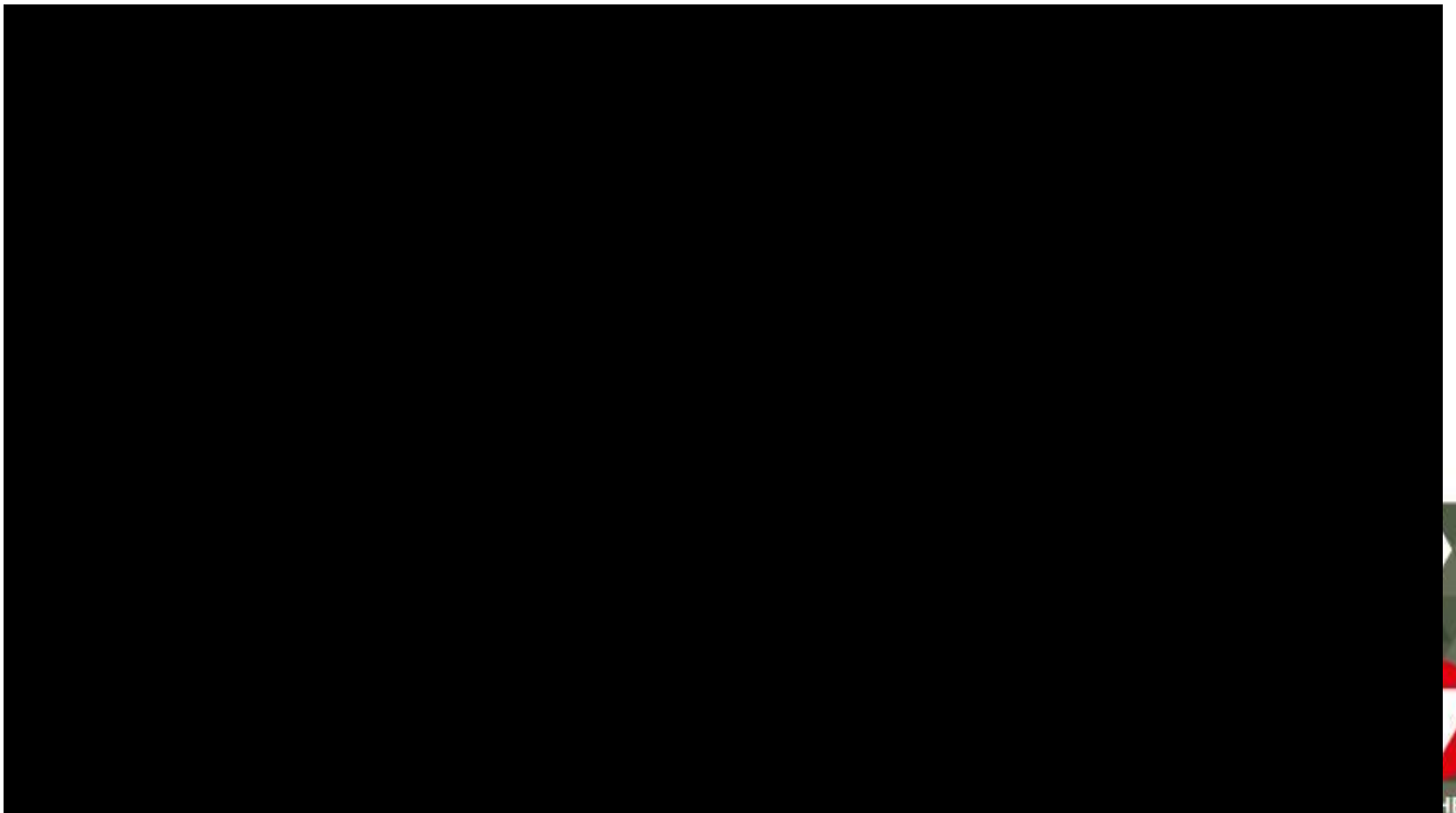


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AGENDA

- What are Austria's priorities concerning the procurement of new systems
- Current collaborations with AW-169 operators
- New technologies within the cockpit to support the crew

What are Austria's priorities concerning the procurement of new systems





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AW-169 B/MA

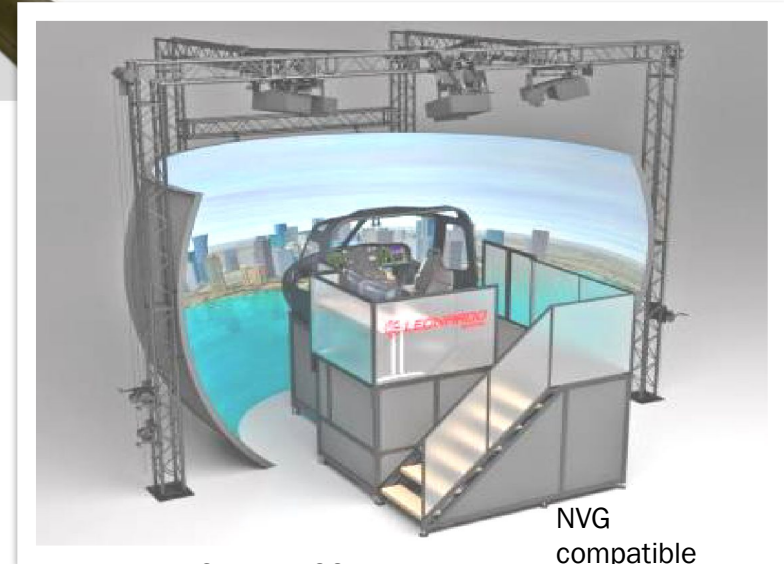


Rocket Launcher 70 mm, 7 tubes
M260

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M260

Gun Pod 12,7 mm
HMP 400

- 12 AW 169B (Trainer Configuration)
- 24 AW 169MA (Multi Role)

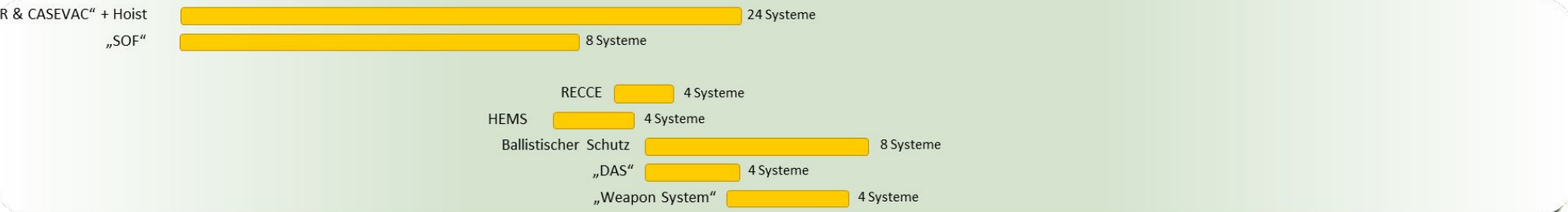


NVG
compatible

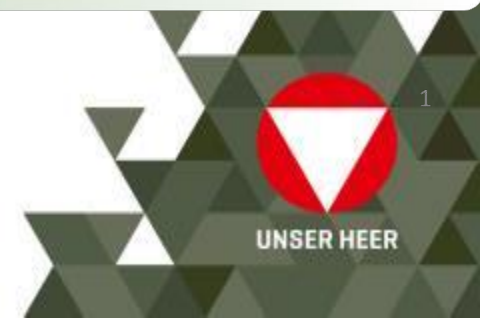
2x AW-169B ETD Plus-3



Roadmap



First
Train the trainers!

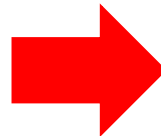




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C-390 M

- From 3 C-130 K => 4 C-390 M
- Cooperative procurement with NLD



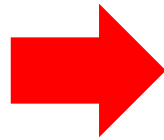
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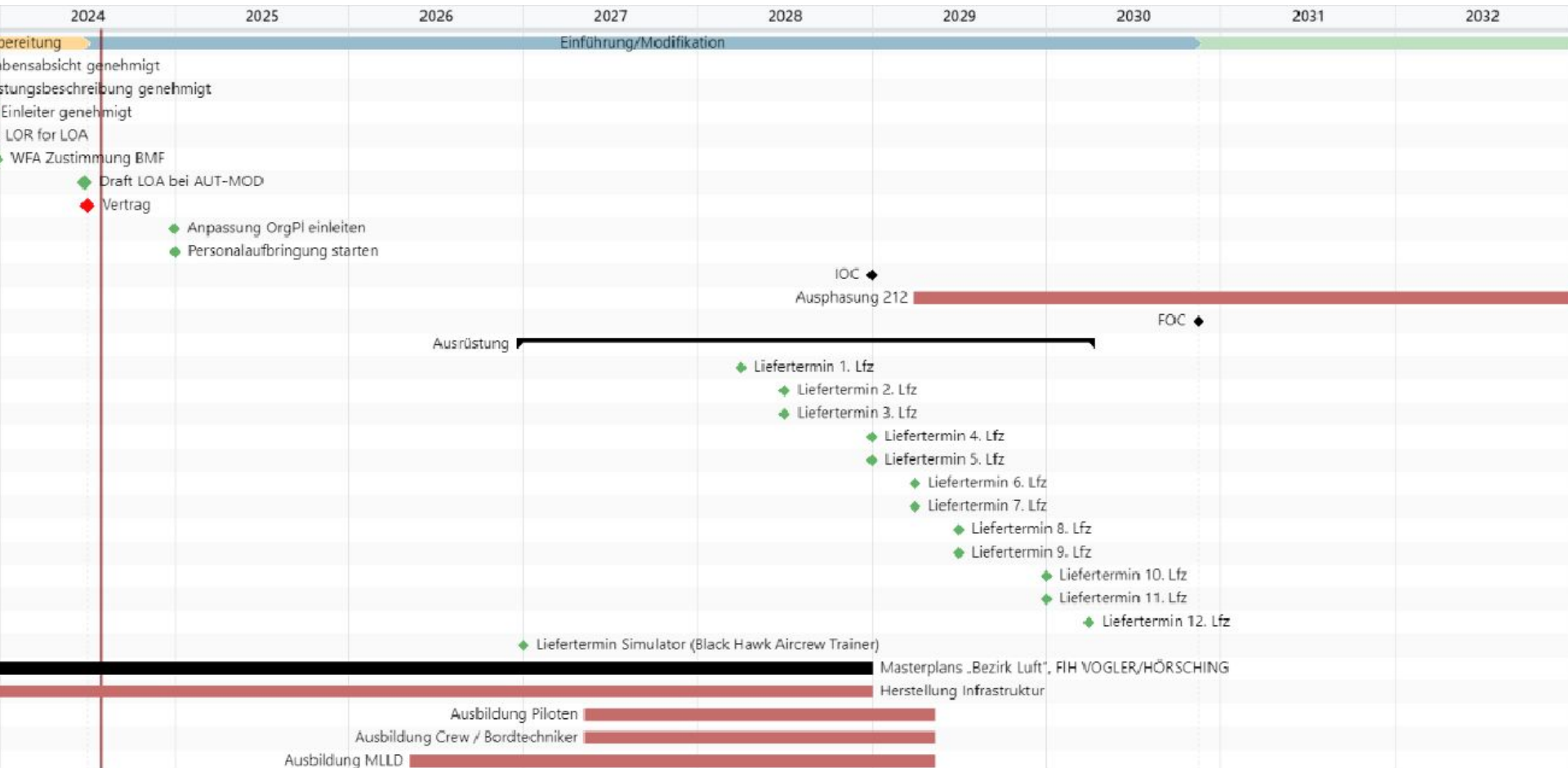
UH-60 M

- From 2028 till 2030 12 UH-60M replacing AB-212 MLU





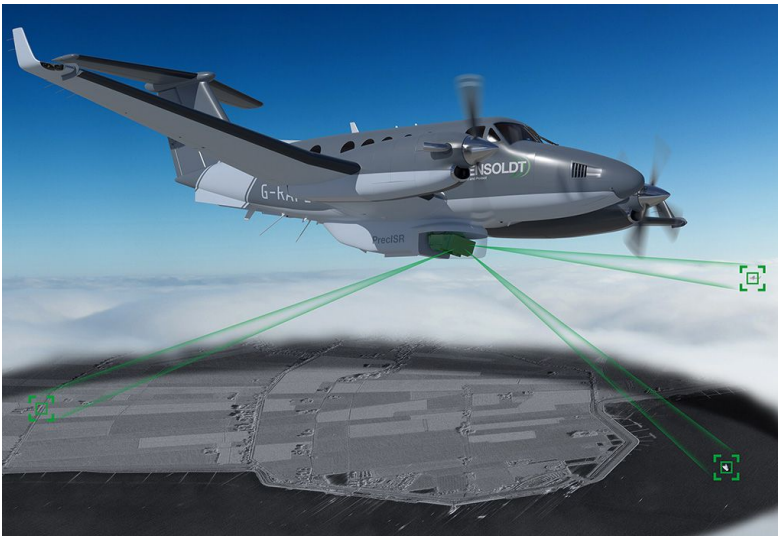
Roadmap





Beyond 2030

- Airborne Ground Surveillance & Reconnaissance Sys (AGSR)
- Medium Altitude Long Endurance (MALE) UAS





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Current collaborations with AW-169 operators

- ITAA: Advanced Trng, IP Trng, MTPC
- Heli Service International EMDEN/DEU





New technologies within the cockpit to support the crew

- **Rescue Hoist** „remote control“ (**WTR**)
- **GSM/SATCOM** 4G & WI-FI Router
- **Radio Tetra** COBHAM + VHF/FM **CONRAD**
- **Weather Radar**
- Helo Terrain Awaren. Warning Sys (**HTAWS**)
- Traffic Alert & Collision Avoid. Sys (**TCAS II**)
- **Dual Auto Pilot** (up to 16 Modi)
- Health & Usage Monitoring Sys (**HUMS**)
- **Synthetic Vision**
- **Radar Altimeter**
- Adaptive Variable Speed Rotor (**AVSR**)
- Obstacle Warning Sys (**OPLS**)
- Cargo & MLG **Cameras**
- Weather Probe (**Ice Detector**)
- Helmet Mounted Display **Skyvis**
- **Direction Finder**
- **Active Vibration Control Sys**
- **Self-Defense Sys**
- **Air Reconnaissance Sys**
- **Mission & Weapons Mngt Sys**
- Digital Map




Challenges

- Infrastructure
- Personnel (mil/civ)
- Training
- Transition from legacy to state of the art a/c
- More systems to come ...



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**Thank you
for your
attention!**