

FUTURE AIR FORCE 2024

PROGRAM OF THE 2nd FUTURE AIR FORCE CONFERENCE

Tuesday, October 15th

FUTURE AIR FORCE CONFERENCE – Day 1 - Blocks 1 and 2

- Dress Code:** Military uniform or service dress for serving military participants, business formal for civilians.
- 07:50** Departure from Hotel Diplomat (walking distance of 400 meters - 5 min) to the conference venue: **Hotel DAP** (Military Club Prague).
- 08:00** Seating of delegates, remaining registrations and coffee at **Hotel DAP**.
- 08:30** **OPENING REMARKS: Major General (ret) Bohuslav DVOŘÁK** – Future Air Force Conference Chairman.
- 08:40** **WELCOME SPEECH: Major General Petr ČEPELKA** – Czech Air Force Commander.
- 08:50** **DIAMOND PARTNER WELCOME REMARKS AND OPENING: Mr. Filip KULŠTRUNK** – Executive Vice President and CCO of Aero – Manufacturer of L-39 jet trainers and light attack aircrafts family ; Conference Diamond Partner.

BLOCK 1 – INNOVATIONS IN FLIGHT TRAINING

Aspects of military pilot flight training for the new generation of aircraft to be introduced in the next 10 years are very complex and include a number of technological and tactical innovations. These aircraft bring revolutionary changes to military aviation, including advanced stealth technologies, shape-shifting capabilities, high levels of computer connectivity and situational awareness through sensitive sensors and smart surface technology. Pilot training must reflect these new features and prepare pilots for the challenges of flying these aircrafts. Pilot training for the fifth and sixth generation aircraft focuses on developing decision-making capabilities in a highly complex combat environment.

- 09:00** **KEYNOTE PRESENTATION: BRAZILIAN AIR FORCE: “How defence priorities shape aircrew training amid modern challenges: Brazilian Air Force experience” - General Maurício Augusto Silveira de MEDEIROS**
- 09:20** **EXPERT VIEW PRESENTATION: “Operational Readiness Training for a New Age of Threat and Opportunity” - Air Marshal (ret.) Ian David GALE**
- 09:40** **INDONESIAN AIR FORCE PRESENTATION: “Artificial Intelligence Implementation on Flight Safety Management System” - Air Commodore Abdul HARRIS**

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- 10:00 AUSTRALIAN AIR FORCE PRESENTATION: "Australian Air Force Training Approach" - Group Captain Michael SLEEMAN**
- 10:20 COFFEE BREAK** - Conference Hall Foyer
- 10:40 CZECH AIR FORCE PRESENTATION: "Czech Air Force Preparation for 5th Generation Aircraft" - Major Aleš SVOBODA**
- 11:00 INDUSTRY PRESENTATION: AERO Vodochody AEROSPACE**
- 11:20 BLOCK 1 PANEL DISCUSSION: "Pilot Training Innovations - Different Approaches"**
- Moderator: Brigadier General (ret.) Libor ŠTEFÁNIK**, Former Czech Air Force Commander
- Panellists: GEN. Medeiros, AM. Gale, AVM. Turton, ACDRE. Harris**
- 12:10 LUNCH BREAK** - Conference Hall Lounges and Foyers (2nd Floor)

BLOCK 2 – INTERNATIONAL COOPERATION AND INDUSTRY ENGAGEMENT AS A WAY TO INCREASE THE QUALITY AND EFFICIENCY OF THE TRAINING AT LOWER COST

Industry undoubtedly plays an important role in the development of Air Force capabilities. The development of new technologies is a key driving factor, influencing at the same time development of new platforms (currently fifth and especially sixth generation aircraft), command and control systems, new training platforms and system and mission planning tools.

- 13:10 INDUSTRY PRESENTATION: Babcock International - "International Flying Training - Corporate View"**
- 13:30 NATO FLIGHT TRAINING EUROPE PRESENTATION: "International Flying Training in Military Alliance" - Wing Commander (ret.) Jason HAWKER**
- 13:50 ITALIAN AIR FORCE PRESENTATION: "Italian International Training Centre" - Colonel Giovanni Maria PASQUALUCCI**
- 14:10 PHILIPPINE AIR FORCE PRESENTATION: "New Methods of Military Pilot Training" - Brigadier General Lloyd Salcedo CABACUÑGAN**
- 14:30 ROYAL CANADIAN AIR FORCE PRESENTATION: "Canadian Air Force Approach in Military Training" - Brigadier General John ALEXANDER**
- 14:50 COFFEE BREAK** - Conference Hall Foyer
- 15:10 ETHIOPIAN AIR FORCE PRESENTATION: "Ethiopian Air Force International Cooperation" - Colonel Meseret Getachew YESUNEH**
- 15:30 EUROPEAN DEFENCE AGENCY PRESENTATION: "EDA New Initiatives within Military Flight Training" - Major (ret.) José Pablo ROMERA**

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- 15:50** **INDUSTRY PRESENTATION: “Mixed Reality Simulators in Modern Pilot Training” - Mr. Marek POLČÁK, CEO Vrgineers**
- 16:10** **INDUSTRY PRESENTATION: Lockheed Martin**
- 16:30** **INDUSTRY PRESENTATION: LOM PRAHA - “Flying Training Centre” - Lieutenant Colonel (ret.) Jaroslav ŠPAČEK, CLV Director**
- 16:50** **BLOCK 2 PANEL DISCUSSION: “International Centres and Government - Industry Cooperation”**
- Moderator:** **Mr. Daniel KOŠTOVAL, Former First Deputy Minister of Defence of the Czech Republic**
- Panellists:** **GARA. Caspar-Fille-Lambie, BGEN. Alexander, COL. Pasqualucci, COL. Yesuneh, LTC. (ret.) Špaček**
- 17:40** **1st DAY CLOSING REMARKS: Major General (ret.) Bohuslav DVOŘÁK**
- 17:50** Walk back to Hotel Diplomat
- 18:30** Departure from Hotel Diplomat by cars and buses to Future Air Force Gala Party
- 19:00** **FUTURE AIR FORCE GALA PARTY – National Technical Museum**
- Dress Code:** Military uniform or service dress for serving military participants, business formal for civilians.
- 22:00** Return to Hotel Diplomat by cars and buses

Wednesday, October 16th

FUTURE FORCES EXHIBITION AND FORUM 2024

- Dress Code:** Military uniform or service dress for serving military participants, business formal for civilians.
- Remark:** Official National Delegations led by the Air Force Commander or his Deputy will be accompanied by a Military Liaison Officer Cadet.
- 07:45** Departure from Hotel Diplomat by cars and buses to **PVA EXPO PRAHA**
- 09:00** **OFFICIAL OPENING CEREMONY: President of the Czech Republic, General (ret.) Petr PAVEL; and other officials.**
- Official opening ceremony will take place in Congress Hall 1, located on the First Floor of the Entrance Hall 3 (VIP Entrance). All delegates and foreign guests are kindly requested to assume their seats by 08.50 h (free seating).

FUTURE AIR FORCE 2024

10:00 Exhibition tour, networking and bilateral meetings of national delegations with exhibitors and partners at Future Forces Exhibition (individual program will be coordinated by dedicated Military Liaison Officer Cadet).

or

10:00 FUTURE FORCES CONFERENCE: MULTI-DOMAIN OPERATIONS, FUTURE CONFLICTS AND OPERATIONAL ENVIRONMENT – FUTURE WARFARE CONCEPT

Opening Remarks: Lieutenant General Karel ŘEHKA, Chief of the General Staff of the Czech Armed Forces

Keynote Speaker: General (ret) Philippe LAVIGNE, former NATO Supreme Allied Commander Transformation

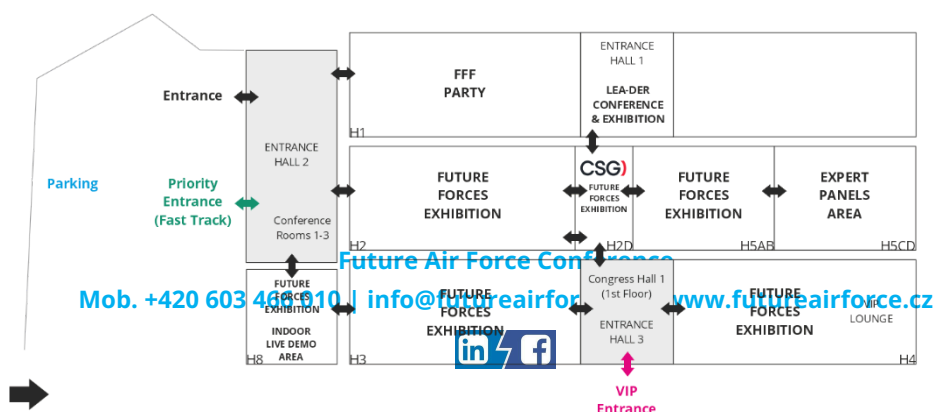
Panellists: LTG Karel ŘEHKA - Chief of the General Staff of the Czech Armed Forces ; GEN (ret.) Philippe LAVIGNE - former NATO Supreme Allied Commander Transformation ; AMSHL (ret.) Ian David GALE - former Commander of U.K. Strategic Command (2021-24) ; MG Andrus MERILO - Commander of the Estonian Defence Forces ; GEN (ret.) Jiří ŠEDIVÝ - former Chief of the General Staff of Czech Armed Forces; JR Mc DONALD - Lockheed Martin Vice President F-35 Business Development, USA.

The current and future security threats, along with the dynamic development of new (disruptive) technologies, require an adaptation of force development planning. Our adversaries have adapted to the new situation and developed effective counterstrategies, often based on the study of Western style warfare. New technologies such as artificial intelligence, hypersonic, machine learning, nanotechnology, or autonomous systems and robotics are fundamentally changing the nature of war. As these technologies mature and their military applications become clearer, they have the potential to revolutionise the battlefield in a way we have not seen since the integration of machine guns, tanks, and air power ushered in the era of combined arms.

GENERAL FLOORPLAN



16 - 18 OCTOBER 2024 as part of



FUTURE AIR FORCE 2024

- 10:30** **AERO L-39NG NEW ERA CEREMONY**, Hall 3, Stand 331
- 12:30** **LUNCH BREAK**, VIP Lounge, Hall 4
- 13:30** **EXHIBITION TOUR, NETWORKING, BILATERAL MEETINGS**
- 15:00** **GLASS OF WINE WITH THE ASSOCIATION OF THE CZECH AEROSPACE INDUSTRY**
- 16:00** **BUS DEPARTURE** back to Hotel Diplomat from Parking Area outside VIP Entrance
- 17:30** Departure from Hotel Diplomat by cars and buses to FFF Party.
- 18:00** **FFF PARTY** – Informal banquet and networking, PVA EXPO PRAHA, Hall 1.
- Dress Code:** Smart Casual
- 21:30** Return to Hotel Diplomat by cars and buses.

Thursday, October 17th

FUTURE AIR FORCE CONFERENCE – Day 2, Block 3

- Dress Code:** Military uniform or service dress for serving military participants, business formal for civilians.
- 08:40** Departure from Hotel Diplomat (walking distance of 400 meters/5 minutes) to the conference venue: Hotel DAP (Military Club Prague).
- 09:00** **OPENING REMARKS: Major General (ret.) Bohuslav DVOŘÁK** – Future Air Force Chairman
- 09:10** **INDUSTRY PRESENTATION: OMNIPOL Group**
- 09:30** **PANEL DISCUSSION: “Commanders’ View – New Challenges and Opportunities for Air Force Leadership”**
- Moderator:** **Major General (ret.) Bohuslav DVOŘÁK**, Former Deputy Chief of the General Staff ; FAF Chairman
- Panellists:** **MGEN. Čepelka, AVM. Turton, BGEN. Alexander, AIR CDRE. Harris, COL. Yesuneh**
- 10.20** **PHOTO SESSION** outside the Czech Armed Forces General Staff HQ (next to Hotel DAP)

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BLOCK 3 – UNMANNED AERIAL VEHICLES AS NEW PHENOMENON OF AIR WARFARE

“Dronisation” is a phenomenon, now apparent in all physical operational environments. In the third block, we will focus on use of airpower in the near future or share lessons learned from current conflicts. UAVs have revolutionised military operations. These autonomous or remotely piloted aircraft offer precision strikes, persistent surveillance, and reduced risk to human lives. Their adaptability, cost-effectiveness, and strategic flexibility make them indispensable assets in contemporary conflicts. As we explore the intersection of technology and warfare, UAVs continue to evolve, shaping the future of defence strategies.

- 10:40** **KEYNOTE PRESENTATION: “Challenges and Best Practices in Procuring, Equipping and Employing Large Unmanned Aerial Vehicles (UAVs) in Competition and Conflict” - Lieutenant Colonel Keenan BOES, USAF**
- 11:00** **UAV OPERATOR PRESENTATION: “Combat Experience from Contemporary Conflict”**
- 11:20** **COFFEE BREAK** - Conference Hall Foyer
- 11:50** **INDUSTRY PRESENTATION: AIR-tech, manufacturer of small Reconnaissance UAVs and Loitering Munition**
- 12:10** **UNIVERSITY OF DEFENCE PRESENTATION: “New Training Program for UAV Operators” - Prof. Vladimír SMRŽ**
- 12:30** **German UAV Operator Training Program - Lieutenant Colonel Peter BERNEWASSER, German Air Force**
- 12:50** **INDUSTRY PRESENTATION: Primoco, manufacturer of Reconnaissance UAV**
- 13:10** **PRACTICAL USE OF UAVs : “The use of UAVs and counter UAVs measures” - Colonel Ikuret Emeru MOSES**
- 13:30** **LUNCH BREAK** - Conference Hall Lounges and Foyers (2nd Floor)
- 14:30** **BLOCK 3 PANEL DISCUSSION: “Different Use of the UAVs in Contemporary Conflicts”**
- Moderator:** **Dr. Jakub FOJTÍK**, Industrialist and UAV Warfare Expert
- Panellists:** **LTC. Boes, Prof. Smrž, COL. Bernewasser, COL. Emeru**
- 15:00** **CHAIRMAN’S CLOSING REMARKS OF THE 2nd FUTURE AIR FORCE CONFERENCE: Major General (ret.) Bohuslav DVOŘÁK**
- 15:10** **WORD OF APPRECIATION, FAREWELL AND INVITATION TO THE 3rd FUTURE AIR FORCE CONFERENCE (September 2025) by Major General Petr ČEPELKA, Czech Air Force Commander**

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15:20

Walk back to Hotel Diplomat; Individual program in the afternoon and evening for all delegates.

Departure of some delegations (evening and night flights) by the Conference organisers.

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