

CONFERENCE DAY ONE: 12 NOVEMBER 2019

RETAINING AIR SUPERIORITY FOR OPERATIONS OF TODAY AND TOMORROW

0700 REGISTRATION & COFFEE

DEFINING THE FUTURE COMBAT AIR SYSTEM

0800 **CHAIRMEN'S OPENING REMARKS**



General (Ret'd) Frank Gorenc, Former Commander, **USAFE-AFACRICA**
Lieutenant General (Ret'd) Klaus-Peter Stieglitz, Former Chief of Staff, **German Air Force**

0830 **OPENING CEREMONY: WELCOME REMARKS**



0900 **ENHANCING INTEROPERABILITY FOR MULTINATIONAL OPERATIONS**

- Assessing the current threat environment and international initiatives to enhance multinational airpower delivery
- Planning, directing, coordinating, monitoring, analysing Air Policing operations to protect NATO airspace in an increasingly contested battlespace and an A2/AD environment
- Advancing interoperability and multi-domain capability to perform high-intensity operations now and in the future
- Evaluating recent training exercises and air-maritime integration in the Black Sea
- Addressing intelligence sharing across Air, Land, Sea, Cyber and Space



Lieutenant General Ruben C. Garcia Servert, Commander, **NATO Combined Air Operations Centre Torrejon**

0930 **DEFINING THE FUTURE COMBAT AIR SYSTEM**

- The FCAS programme: defining the next generation fighter jet design
- Assessing the role of cloud computing in the future operating environment: enabling real-time communication, collection, and distribution of data
- Leveraging AI and enhancing sensor fusion to advance decision-making
- Evaluating stealth and radar-evasion
- Augmenting force through future unmanned, semi-autonomous, and autonomous aircraft



Major General Jean-Pascal Breton, Programme Lead FCAS, **French Air Force**

1000 **CHANGING PERSPECTIVES IN FUTURE AIR POWER**

- Leveraging the combined operational capabilities of connected platforms
- Using force multipliers for mission effectiveness and enhancing survivability
- Leveraging decision-superiority—the key to victory
- Implementing an incremental spiral development approach to meet operational & technical challenges



Bruno Fichfeux, Head of Future Combat Air System (FCAS), **Airbus Defence & Space**

1030 MORNING COFFEE AND NETWORKING

1100 **PROVIDING A RESPONSIVE AND SCALABLE FORCE**

- Achieving real time adaptation of strike capabilities to complex environments and targets
- Evaluating technologies to increase platform survivability
- Future Combat Air Systems: improving system integrity and software connectivity



Air Marshal Gerald M.D. Mayhew, Deputy Commander Operations, **Royal Air Force**

1130 **EQUIPPING AIRMEN FOR COMBAT AIRPOWER DELIVERY**

- Assessing operational challenges and interoperability with legacy platforms
- Evaluating EW and operations in contested battlespaces
- Combat aircraft as an asset for the joint force: retaining readiness for high intensity, multi-domain operations
- Outlining requirements for adversary air and examining the ADAIR programme going to contract in 2020-21



Major General Kevin A. Huyck, Directorate of Operations (ACC/A3), **US Air Force**

1200 **INDUSTRY LEADERS' PANEL DISCUSSION: 6TH GENERATION FIGHTER DESIGN**

- What are some of the lessons learned from developing 4th and 5th generation combat aircraft? How can both industry and operators learn from these acquisition programmes to improve the integration of the future combat air system?
- What will the future combat air system design entail? What air frames, targeting systems, AI-enabled sensors, weapons and engine technologies will make up the 6th generation fighter?
- Next-gen stealth technologies, including new radar-evading configurations, coating materials and advanced thermal-signature reduction are fast-approaching levels of combat readiness. How can industry support the needs of the operator and help balance capability with affordability?
- Disruptive innovation is proliferating: what role will traditional defence contractors play in fielding disruptive technologies and leveraging AI-enabled solutions? What software solutions are required to support pilots performing multi-domain operations in the Digital Age? How can we ensure effective cross-domain intelligence sharing without compromising network resilience?

Moderator:



Lieutenant General (Ret'd) Chris Bogdan, Former PEO F-35 Lightning II Joint Program Office, **U.S. Air Force**

Panelists:



1300 NETWORKING LUNCH

CONFERENCE DAY ONE: 12 NOVEMBER 2019

RETAINING AIR SUPERIORITY FOR OPERATIONS OF TODAY AND TOMORROW

- 1430 **THE BELGIAN AIR COMPONENT'S PATH TO IOC**
- Examining the recent selection of the F-35 and its impact on capability
 - Introducing next generation aircraft and ensuring their interoperability with existing aviation assets
 - Assessing operational conversion training and LVC to prepare pilots for flying 5th generation aircraft
-  **Colonel Nico Claessens**, Chief Combat Capability, **Belgian Air Component**

- 1500 **F-35 IOC IN EUROPE: LESSONS LEARNED AND FUTURE PLANS**
- Overview of achieving F-35 IOC and 4th and 5th generation aircraft integration
 - Outlining software modernisation to enhance sensor fusion and retain the information advantage in a data-centric battlespace
 - Assessing lethality, intelligence sharing, and network resilience
 - International Flight Training School: ensuring seamless pilot transition into next generation aircraft
-  **Confirmed Senior Representative**, Representing Chief of Air Staff, **Italian Air Force**

- 1530 **DELIVERING A COHERENT NEXT GENERATION CAPABILITY**
- Overview of the Harpia procurement programme, acquisition plans and timelines
 - Recapitalising current assets while introducing the first squadron of 5th generation fighter aircraft into force structure
 - Ensuring capability to operate in A2/AD and net-centric environments, and missions with components of allied aviation assets
 - Polish Training System 2019 - the new road map for the fast jet training
 - Meeting F-16C training entry criteria - syllabus development
-  **Brigadier General Ireneusz Nowak**, Commander 2nd Tactical Aviation Wing, **Polish Air Force**

1600 AFTERNOON TEA AND NETWORKING

LVC & TRAINING

- 1700 **ARGENTINA AIR FORCE MILITARY AVIATORS TRAINING, A NEW PERSPECTIVE**
- Addressing equipment limitations and hardware modernisation
 - Outlining the recent acquisition of the T-6 TEXAN II Trainer to enhance advanced training for the full spectrum of operations
 - Increasing participation in international training exercises to counter transnational threats and criminal networks
-  **Major General Mario Colaizo**, General Director of Education, **Argentine Air Force**

- 1730 **REINFORCING AND AUGMENTING FIGHTER CAPABILITY: IAF INSIGHTS**
- Examining the recent upgrade of the F-15 fleet with advanced avionic systems to supplement F-35 stealth jets
 - Evaluating Adir F-35 pilots' performance of sorties in advanced simulators
 - Transforming 5th generation pilot training by developing LVC technologies
 - Networking simulators and integrating 4th and 5th generation fighter aircraft into combined LVC exercises
 - Building resilience and robustness for operations in an information-dominated battlespace
-  **Lieutenant Colonel Ido Arev**, Head of Fighter Exercise Branch, **Israeli Air Force**

- 1800 **PANEL DISCUSSION: RETAINING HIGH READINESS AND ENSURING SEAMLESS TRANSITION INTO NEXT GENERATION AIRCRAFT**
- Assessing current capabilities and future applications of Virtual and Mixed reality. How can training capabilities be enhanced and modernised to maintain effectiveness and efficiency? What are the challenges of integrating VR and MR training and simulation for today's armed forces?
 - Addressing spatial awareness challenges. How can high fidelity and embedded simulation be advanced?
 - Blending virtual, augmented, and physical realities to enable high intensity, multi-domain training. What are the long-term implications and risks associated with transforming training and creating a single synthetic training environment?
 - Merging Live, Virtual, Constructive techniques and using Gaming technology to generate a single-synthetic training environment has the potential to vastly enhance our warfighters' performance. How might we accelerate the modernisation of training for multi-domain and non-traditional warfare? How can we ensure that all environments are genuinely interoperable with our Allies? What are the risks associated with an 'open systems' architectural approach to this endeavour?

Moderator:

 **General (Ret'd) Frank Gorenc**, Former Commander, **USAFE-AFAFRICA**

Panelists:

 **Major General Mario Colaizo**, General Director of Education, **Argentine Air Force**

 **Major General Kevin A. Huyck**, Directorate of Operations (ACC/A3), **US Air Force**

 **Colonel Enrique Martinez Vallas**, ITS Programme Manager, **Spanish Ministry of Defence**

 **Lieutenant Colonel Ido Arev**, Head of Fighter Exercise Branch, **Israeli Air Force**

- 1845 **CHAIRMAN'S CLOSING REMARKS AND END OF CONFERENCE DAY ONE**
-  **General (Ret'd) Frank Gorenc**, Former Commander, **USAFE-AFAFRICA**
-  **Lieutenant General (Ret'd) Klaus-Peter Stieglitz**, Former Chief of Staff, **German Air Force**

1900 **DRINKS RECEPTION Raytheon**

2000 **GALA DINNER**  **AIRBUS**

CONFERENCE DAY TWO: 13 NOVEMBER 2019

DELIVERING THE FUTURE COMBAT AIR SYSTEM: DRIVING PACE AND AFFORDABILITY

0800 REGISTRATION & COFFEE

0850 **CHAIRMEN'S OPENING REMARKS**



General (Ret'd) Frank Gorenc, Former Commander, **USAFE-AFAFRICA**



Lieutenant General (Ret'd) Klaus-Peter Stieglitz, Former Chief of Staff, **German Air Force**

0900 **DEVELOPING READINESS AND INTEGRATING EMERGING TECHNOLOGY**

- Evaluating RDT&E efforts and initiatives to compliment 5th generation fleet
- Next Generation Air Dominance: assessing the future portfolio of systems, the air superiority fighter, and role of loyal wingmen in the future operating environment
- Balancing lethality with stealth: examining hypersonic missile development and air defence system evasion



Lieutenant General-select David Nahom, Incoming Deputy Chief of Staff for Strategic Plans and Requirements, **US Air Force**

0930 **COMMANDERS' PANEL DISCUSSION: ALIGNING CAPABILITY TO THE MORPHING THREAT ENVIRONMENT**

- The future air domain will continue to be characterised by highly-capable integrated air defence systems and an increasingly complex electro-magnetic environment: how should we approach modernisation to retain air superiority in a contested battlespace?
- As the volume, veracity, variety, and velocity of data is rapidly evolving, air assets require resilient solutions. How can we ensure effective collection and dissemination of data while retaining resilience against EW? Is the combat cloud the solution? What challenges are we facing with retaining the information advantage and employing big data analytics?
- What is the correct balance between advanced combat platforms and light attack assets? How can we balance affordability with power projection?
- What should be done to augment lethality and enhance suppression of air defence systems? How should air forces transform capability against air defense systems, sophisticated sensors, and data-sharing capabilities of competitors?

Moderator:



General (Ret'd) Frank Gorenc, Former Commander, **USAFE-AFAFRICA**

Panelists:



Incoming Chief of the Air Staff, **Royal Thai Air Force**



Lieutenant General Rozzano Briguez, Commanding General, **Philippine Air Force**



Lieutenant General-select David Nahom, Incoming Deputy Chief of Staff for Strategic Plans and Requirements, **US Air Force**



Air Marshal Gerald M.D. Mayhew, Deputy Commander Operations, **Royal Air Force**

1030 MORNING COFFEE AND NETWORKING

1100 **DELIVERING THE NEXT GENERATION AIR FORCE: THE RAF'S COMBAT AIR STRATEGY**

- Recapitalising current assets and delivering a coherent and continuous next generation capability in the future
- Combat Air Strategy: upgrading the Typhoon force and F-35 to keep them at the cutting-edge well into the future
- Defining next generation capability: the Tempest programme
- Developing agile and adaptable combat air systems to keep pace with technological advancements



Air Commodore Dan Storr, Head Combat Air Acquisition Programme, **UK MoD**

1130 **BUILDING A GLOBAL COMBAT AIR SYSTEM**

- Building information dominance, high survivability, full spectrum targeting
- Overview of FAF combat fleet evolution: from modernisation to new generation systems
- Achieving height, speed, reach, payload and responsiveness to retain air superiority
- Developing the right mix of autonomous on-board and collective capability
- Strengthening data processing capabilities, addressing connectivity, and the combat cloud



Brigadier General Frederic Parisot, Deputy Chief of Staff, Plans and Programmes, **French Air Force**

1200 **EXTENDING FIGHTER MISSION CAPABILITIES THROUGH AN ADVANCED EW SYSTEM**

Paolo Sanchiatti, Corporate Senior EW Scientist, **Elettronica Group**



1230 **DEVELOPING AIR CONNECTIVITY AND DIGITISING AIR MISSIONS**

- FCAS: Spanish AF perspective on next generation weapon system development
- Air Combat Connectivity: assessing ways to enhance transmission and processing of large amounts of data
- Increasing C2 agility, achieving interoperability, and ensuring flexibility to integrate emerging technologies



Brigadier General Leon-Antonio Maches Michavila, Head of Air Systems NAD, Directorate for Programmes, **Spanish Ministry of Defence**



Colonel Enrique Martinez Vallas, ITS Programme Manager, **Spanish Ministry of Defence**

1300 NETWORKING LUNCH

1400 **ESTABLISHING A ROADMAP FOR DEVELOPMENT THROUGH TO 2040**

- Developing the next generation weapon system for the FCAS
- Achieving a connected, multi-domain approach to effectors and sensors in the air domain
- Investing into adaptable, plug-in solutions to retain flexibility as technological advancements progress
- Introducing a system of systems approach and improving C2 Battle Management capabilities



Colonel Joerg Rauber, Staff Officer, **German Ministry of Defence**

CONFERENCE DAY TWO: 13 NOVEMBER 2019

DELIVERING THE FUTURE COMBAT AIR SYSTEM: DRIVING PACE AND AFFORDABILITY

1430 **RENEWAL OF THE FIGHTER FLEET: AUSTRIA'S PATH TO MODERNISATION**

- Austria's geopolitical position: aligning capability to Eastern Europe's volatile security environment
- Evaluating near and mid-term acquisition priorities to augment current capability and renew combat aircraft
- Transforming the flight training syllabus to prepare for

 **Brigadier General Rupert Stadlhofer**, Commander Airspace Surveillance Brigade, **Austrian Air Force**

1500 **PANEL DISCUSSION: TECHNOLOGIES FOR NEXT GENERATION FIGHTER PROPULSION**

- What will be the makeup of the next generation propulsion system? How can industry support the operators' requirement to increase fighter range on different missions? How can we balance efficiency and thrust with power?
- What new technologies will reduce fuel consumption while improving heat absorption? How will the fighter engine support longer loiter time?
- Will the next generation of propulsion systems support high-energy weapons and more advanced on-board electronics systems? How far away are we from integrating directed energy systems onto combat aircraft and what role will the engine play in delivering this power?
- What are the new propulsion concepts and the new technologies, materials and manufacturing techniques that need to mature to enable a state of the art engine befitting a future fighter?

1530 AFTERNOON TEA AND NETWORKING

1600 **PANEL DISCUSSION: HYBRID IMPACT ON THE AIR DOMAIN**

- The asymmetric threat is proliferating, making it necessary to employ airpower as a guarantor of support against hybrid warfare. How can air forces synergise the available skills to retain situational awareness at the tactical and strategic levels in terms of surveillance and wider information activities?
- COTS technologies are augmenting aerial warfare capabilities of non-state actors, while cyberspace is increasingly enabling the hybrid threat evolution. How can air forces ensure that their networks are resilient against hybrid attack?
- How should the conceptual and legal frameworks change to reflect the increasing propensity of the hybrid threat in the air domain?

Moderator:
 **Air Marshal (Ret'd) Sir Graham Stacey KBE CB**, Former Chief of Staff, **NATO Allied Command Transformation**

1645 **DEVELOPING CAPABILITY AGAINST A PEER OPPONENT**

- Outlining the threat environment in the Baltics and Russia's contravention of air space
- Achieving interoperability with NATO allies to strengthen power projection and Air Policing missions
- Assessing hybrid warfare and Russia's information operations

 **Colonel Dainius Guzas**, Commander, **Lithuanian Air Force**

1715 **CLOSING KEYNOTE: LESSONS LEARNED FROM THE RUSSIAN CONFRONTATION**

- Strengthening capability against electronic and drone warfare techniques employed by competitors in Eastern Ukraine
- Demonstrating Russian hybrid techniques and the required countermeasures
- Overview of close air support for ground troops and defensive cybersecurity methods
- Achieving NATO interoperability through multinational training exercises

 **Lieutenant General Vasyi Chernenko**, Commander Southern Air Command, **Ukrainian Air Force**

1745 **CHAIRMEN'S CLOSING REMARKS AND END OF CONFERENCE DAY TWO**

 **General (Ret'd) Frank Gorenc**, Former Commander, **USAFE-AFAFRICA**

 **Lieutenant General (Ret'd) Klaus-Peter Stieglitz**, Former Chief of Staff, **German Air Force**

1800 **DRINKS RECEPTION** 

"It was a great event for me. It's a good opportunity to meet peers, experts of the same area, same knowledge. What is good is also the mix between industry and operators, and this is the best value-added, I think, for this event. We have ideas, we have sometimes visions, but we need to confront it with the reality of operations. And to discuss it with air chiefs, with commanders, with pilots, people who day to day are confronted with the limitations of the system is a great opportunity"

Bruno Fichfeux, Head of FCAS Program, Airbus

CONFERENCE FOCUS SESSIONS: 14 NOVEMBER 2019

MORNING FOCUS VERSATILE, ADAPTABLE, AFFORDABLE FORCE

ACQUISITION PRIORITIES VS FORCE STRUCTURE – Rethinking acquisition processes and priorities for a balanced and capable force structure

Many smaller air forces inadvertently constrain their capability and capacity due to a bias towards high-end fighter platforms that they can neither afford nor sustain in adequate numbers resulting in an unbalanced force structure or, at worst, an ineffective fighting force. Standing up an air force to carry out the range of missions demanded from ISTAR to strike to fighting in a coalition environment requires careful thought, planning and a dispassionate assessment of available options. This focus day will examine acquisition processes and force structures and try to address the sometimes conflicting priorities of politics, national pride and budgetary constraints to create a blueprint for an affordable and capable modern air force for nations with more modest budgets.

Attend the Focus Morning to:

- Refine your understanding of modernisation programmes and pressing requirements for smaller air forces to formulate winning business proposals
- Balance affordability with modernisation by exploring the role of light attack in today's battlespace
- Gain first-hand insights from senior leaders on near and mid-term acquisition priorities against COIN, counter-terror, and asymmetric warfare to understand how to position your solution

0800 REGISTRATION & COFFEE

VERSATILE, ADAPTABLE, AFFORDABLE FORCE FOCUS MORNING

0850 **CHAIRMEN'S OPENING REMARKS**



General (Ret'd) Frank Gorenc, Former Commander, **USAFE-AFACRICA**



Lieutenant General (Ret'd) Klaus-Peter Stieglitz, Former Chief of Staff, **German Air Force**

0900 **RTAF MODERNISATION PLAN: VISION 2026**

- Assessing anticipated F-5 upgrades to extend their service life through to 2030
- Upgrading communication and avionics suites and data fusion to develop resilience against EW
- Enhancing beyond-visual-range air-to-air lethality
- Addressing investment priorities, the role of multirole aircraft, and debating the feasible force structure for the future battlespace



Incoming Chief of the Air Staff, **Royal Thai Air Force**

0930 **PAF'S ROADMAP TO TRANSFORMATION: FLIGHT PLAN 2028**

- Examining the Multi-Role Fighter programme
- Outlining the acquisition and modernisation of 12 combat aircraft
- Augmenting the FA-50 light fighter aircraft fleet to enhance territorial defence across the EEZ



Lieutenant General Rozzano Briguez, Commanding General, **Philippine Air Force**

1000 MORNING COFFEE AND NETWORKING

1030 **STRIKING THE BALANCE BETWEEN AFFORDABILITY AND CAPABILITY**

- Assessing the requirement for Light Combat Aircraft with air-to-air and full air-to-ground capability
- Strengthening close air support and COIN operations through the LCA programme
- Evaluating LCA requirements and procurement timeframes

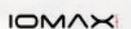


Major General Dato' Muhamad Norazlan bin Aris, Representing Chief of Air Staff, **Royal Malaysian Air Force**

1100 **ARCHANGEL - A PROVEN SOLUTION FOR LIGHT ATTACK AND COIN OPERATIONS**

- Offering an affordable solution to meeting the needs of modest air forces.
- Examining a combat proven solution for balancing aircraft requirements
- Meeting the needs of the warfighter on the ground and in the air

Mr. Seamus Flatley, Vice President, Business Development, **IOMAX USA, Inc**



1130 **NEW ERA FOR THE GUATEMALAN AIR FORCE**

- Transforming capability, training, equipment, infrastructure, and doctrine
- Building light attack capability to counter transnational asymmetric threats and criminal organisations
- Improving regional and international intelligence sharing and cooperation



Lieutenant General Timo Hernández Duarte, Commander, **Guatemalan Air Force** *Subject to Final Confirmation*

1200 **PANEL DISCUSSION: DEFINING THE RIGHT MIX OF CAPABILITY – QUALITY VS QUANTITY**

- How can air forces carry out ISR, strike co-ord and reconnaissance without requiring extensive support?
- What is the role of light attack aircraft in COIN, counter-terror, and air policing? What is the right mix between fighter aircraft, multi-role platforms, and light attack aircraft?
- How can air forces mitigate budget constraints while continuing to modernise existing platforms and procuring new assets?

1245 NETWORKING LUNCH

CONFERENCE FOCUS SESSIONS: 14 NOVEMBER 2019

AFTERNOON FOCUS DISRUPTIVE TECHNOLOGY

GAME-CHANGING TECHNOLOGIES FOR NEXT-GEN TACAIR – The convergence of high connectivity, big data, cyber, autonomy and advanced electronics and sensors

These are all the key underlying technologies which need to advance not just for a next generation fighter, but to augment current capabilities in a (relatively) low-cost high-payoff package. As several operational requirements and challenges converge in C2, communications, cyber, AI and sensor data overload, this gives rise a number of important debates: Big Data, networks, C2 and Cyber:

The growing amount of data generated by modern tactical platforms; limitations of on-board processing (analytics for insight)—all combined with the prospect of operating in an information dominated battlespace, where there are cyber implications and uncertified information being squirted through the disrupted network.

This leads to a need to rethink the C2 infrastructure, the pain of which will be felt once F-35s get operational in greater numbers.

Attend the Focus Afternoon to:

- Learn how to improve C4I infrastructure to support and leverage of the F-35 and collaboration with existing manned and unmanned platforms by hearing briefings from military experts and industry leaders
- Gain an enhanced understanding of ways to introduce collaborative combat and network resilience for multi-domain operations
- Improve your understanding of disruptive and game-changing technologies which will enable airborne warfighter decision making, command post collaborative combat, and autonomy
- Adapt capability to the changing volume, velocity, veracity, and variety of data to retain the competitive edge in the information age

DISRUPTIVE TECHNOLOGY FOCUS AFTERNOON

1400 OPPORTUNITIES AND CHALLENGES FOR FUTURE FIGHTER AIRCRAFT IN THE ERA OF ULTRATHIN AESA TECHNOLOGIES

- Ultrathin AESA technologies
 - What is it?
 - What is the state-of-the-art?
 - What are the future trends?
- Opportunities for future fighter aircraft
 - Conformal AESA
 - Multifunctional with omnidirectional coverage
- Challenges for future fighter aircraft
 - Asymmetrical anti-stealth AESA networks
 - Distributed collaborative EW

Dr. Yu-Jiu Wang, Chairman & CEO, **Tron Future Tech**

TRON FUTURE TECH

1430 PROTOTYPING AND INTRODUCING GAME-CHANGING TECHNOLOGIES FOR THE AIR FORCE

- Evaluating the role of disruptive technologies and ways to accelerate delivery of innovation to Airmen
- Exploring, prototyping and demonstrating high-impact technologies to enable the Air Force to maintain its superior technical advantage
- Enhancing C4I and transforming data into actionable intelligence to enhance complex decision-making and C2
- Discovering, developing, and integrating affordable warfighting technologies for air, space, and cyberspace forces



Dr. Michael Hayduk, Deputy Director, Information Directorate, **US Air Force Research Laboratory**

1500 AFTERNOON TEA AND NETWORKING

1530 TRANSFORMING CAPABILITY THROUGH DISRUPTIVE INNOVATION

- Introducing open architecture and plug-in design into the next generation combat air system
- Recognising cyber as a domain of operation: developing cyber resilience and cloud infrastructure for data integration
- Enhancing AI to lighten the cognitive load and align capability to the evolving nature of data



Confirmed General Officer, German Air Force

1600 PANEL DISCUSSION: AI AND AUTONOMY FOR THE FUTURE FORCE

- Unmanned and autonomous technologies are transforming the battlespace. What are the challenges of introducingUCAVs and loyal wingmen into the air domain? What are some of the ethical constraints?
- What are the current limitations of AI? How can we ensure AI certification to accelerate decision-making and retain the competitive edge against competitors?
- What are some of the challenges of integrating information? How can we benefit from big data analytics and cloud architecture to store and discern actionable intelligence in real-time?
- How realistic is it to speak of hypersonics? What are the near and mid-term game-changing technologies that will enable air superiority?

Moderator:



Air Marshal (Ret'd) Sir Graham Stacey KBE CB, Former Chief of Staff, **NATO Allied Command Transformation**

1645 CHAIRMEN'S CLOSING REMARKS AND END OF CONFERENCE



General (Ret'd) Frank Gorenc, Former Commander, **USAFE-AFRICA**



Lieutenant General (Ret'd) Klaus-Peter Stieglitz, Former Chief of Staff, **German Air Force**