





**OFFICIALLY SUPPORTED BY AERONAUTICA MILITARE** 



"It's clear to me that the ability to fly together and to work together and have the same common operational picture is something that we absolutely need to realise as soon as possible. And that's something that we have established and will continue to establish at the International Fighter Conference."

General Ken Wilsbach, Commander, Air Combat Command

### 04 - 06 November 2025

Sheraton Rome Parco de' Medici, Rome, Italy

## **TOWARDS AN INDEPENDENT** INDUSTRIAL BASE FOR **COMBAT AIR**

### HEAR FROM LEADERS FROM THE GLOBAL COMBAT AIR COMMUNITY, INCLUDING:



**General Adrian Spain** Commander **Air Combat Command** 



**Lieutenant General Antonio Conserva** Chief of Staff **Italian Air Force** 



**Lieutenant General David Tabor** Deputy Chief of Staff for Plans and Programs **U.S. Air Force** 



**Lieutenant General** Giovanni Balestri Deputy Chief of Staff **Italian Air Force** 



**Vice Admiral Daniel Cheever** Commander, Naval Air Forces **US Navy** 



**Major General** Jonas Wikman Commander **Swedish Air Force** 



**Major General Jeff Smyth** Chief Fighter and **NORAD Capability Royal Canadian Air Force** 









































## **WELCOME**

Dear Colleague,

Celebrating its 25th anniversary, the annual International Fighter Conference (IFC) continues to be the world's leading event bringing together the greatest minds in combat aviation, from across the globe. With official support from the Italian Air Force, we are delighted to confirm that IFC will be returning in 2025 to the brand new location of Rome, Italy, where 500 senior leaders and air force commanders from across continents, who are working to ensure air superiority in an increasingly contested battlespace, will meet to collaborate and discuss the latest developments in combat air operations, and nextgeneration technology.

As nations continue to develop their Future Combat Air Systems and contracts start to be awarded, interoperability across the aerospace domain remains a key factor in ensuring air superiority and maintaining the advantage over adversaries. From NGAD and FCAS, to GCAP and F/A-XX, there is alot of discussion around the technologies available and the operational environments that these systems will contend with when they enter service. The evolving role of industry as nations look to establish a more independent industrial base is also playing a critical part in the development of next-generation platforms and capabilities.

Nations are working to integrate key systems into existing platforms which will enable the use of autonomous collaborative platforms, artificial intelligence, and electronic warfare in future operations. Ensuring interoperability between these emerging capabilities and existing aircraft will be paramount to the success of air combat systems. Furthermore, observations from the Russia-Ukraine conflict will be key to establishing the future requirements and strategies of forces as they balance competing priorities.

The 2025 agenda is designed to address a range of topics critical to the current issues faced by fighter pilots and what's possible for the future operating environment. A particular focus will be given to the integration of systems, as developments in AI, EW, autonomy and MUM-T continue to evolve and advance platforms at an unpreceded rate.

New for 2025 is the inclusion of conference tracks dedicated to both operational readiness and advanced engineering and technology, allowing attendees to take a deep dive into developments in advanced weapon systems, avionics, electronic warfare and more.

Attracting senior military leaders, government officials, and industry experts at the forefront of fighter technology, IFC is the only global event with up-to-date information on the ongoing lessons and changes in combat air warfare and equipment and remains a vital gathering for driving extensive collaboration between military, government, and industry leaders.

I look forward to welcoming you to IFC 2025 in Rome — the world's most influential conference on combat air for the past 25 years.



Alice Andrews Senior Conference Producer Defence iO

### **MEET OUR 2025 CONFERENCE CO-CHAIRS:**



General (Ret'd) Mark D. Kelly Former Commander, Air Combat Command **USAF** 

General Mark D. Kelly completed his 38-year USAF career as the Commander, Air Combat Command, Joint Base Langley-Eustis, Virginia where he trained, equipped and provided combat-ready air, space, cyber and intelligence forces for worldwide rapid deployment and operations.

Prior to leading Air Combat Command, General Kelly served as the Deputy Chief of Staff for Operations, Headquarters, United States Air Force at the Pentagon. He has also commanded two Numbered Air Forces (12AF and 9AF), an Air Expeditionary Wing in Afghanistan, two Fighter Wings and a Fighter Squadron.

General Kelly entered the Air Force in 1986, receiving his commission from the Air Force ROTC program at Southwest Texas State University. He is a graduate of the US Air Force Fighter Weapons School, the National War College and the Harvard Kennedy School of Executive Education. General Kelly earned his pilot wings at Euro-NATO Joint Jet Pilot Training at Sheppard Air Force Base. Texas and is a command pilot with more than 6,000 flying hours, including over 800 combat hours in fighter aircraft. General Kelly resides in Raleigh, NC and currently serves as an independent defense and leadership consultant.



General (Retd.) **Frank Gorenc** Former Commander, **USAFE-AFAFRICA** and AIRCOM (2012-2016) Chairman

General Frank Gorenc served as Commander of U.S. Air Forces in Europe and Africa, Commander of NATO Allied Air Command, and Director of the Joint Air Power Competence Centre in Germany. He oversaw Air Force operations across 104 countries spanning Europe, Africa, Asia, the Middle East, and multiple oceans—covering over 19 million square miles and impacting over a quarter of the world's population and

Born in Ljubljana, Slovenia, General Gorenc commanded at every level, from fighter squadron to expeditionary wing, and held leadership roles in the Air Force District of Washington and a component Numbered Air Force. His staff assignments included positions with Air Combat Command, the Air Staff, Joint Staff, and U.S. European Command/Supreme Headquarters Allied Powers Europe.

Before his final role, he was the Assistant Vice Chief of Staff and Director of the Air Staff at U.S. Air Force Headquarters in Washington, D.C. A command pilot, General Gorenc logged more than 4,800 flight hours over his distinguished career.



# AGENDA AT A GLANCE

TUESDAY, 4 NO	OVEMBER 2025	WEDNESDAY, 5 N	NOVEMBER 2025	THURSDAY, 6 NOVEMBER 2025		
REGISTRATION &	REFRESHMENTS	REGISTRATION & REFRESHMENTS		REGISTRATION & REFRESHMENTS		
STRATEGIC OVERVIEW OF AIR POWER: ADAPTING TO UNCERTAINTY IN A CHANGING GLOBAL LANDSCAPE		ACHIEVING FUTURE AIR DOMINANCE: PROGRAMME UPDATES Latest developments for FCAS, GCAP & NGAD		PRIORITIES FOR FUTURE AIR OPERATIONS		
MORNIN	G BREAK	MORNING BREAK		MORNING BREAK		
		OPERATIONAL TRACK	ADVANCED ENGINEERING & TECHNOLOGY TRACK			
HARNESSING AUTONOMY FOR NEXT GENERATION AIR DOMINANCE TODAY		ENABLERS FOR FUTURE AIR OPERATIONS: ELECTRONIC ATTACK, AIR TO AIR REFUELLING, AEW & BATTLE MANAGEMENT	AIRCRAFT DESIGN & MANUFACTURING	INCREASING TRAINING CAPACITY		
LUNCH BREAK		LUNCH BREAK		LUNCH BREAK		
OPERATIONAL TRACK	ADVANCED ENGINEERING & TECHNOLOGY TRACK	OPERATIONAL TRACK	ADVANCED ENGINEERING & TECHNOLOGY TRACK			
MAXIMISING CURRENT OPERATIONAL READINESS FOR CURRENT & FUTURE THREATS	C2, COMBAT CLOUD, AND PROCESSING AT THE EDGE	ENABLERS FOR FUTURE AIR OPERATIONS: ELECTRONIC ATTACK, AIR TO AIR REFUELLING, AEW & BATTLE MANAGEMENT	PROPULSION, POWER, AND SITUATIONAL AWARENESS	MODERNISATION STRATEGIES FOR SMALLER AIR FORCES		
AFTERNOON BREAK		AFTERNOON BREAK		AFTERNOON BREAK		
OPERATIONAL TRACK	ADVANCED ENGINEERING & TECHNOLOGY TRACK			HARNESSING AIR POWER FOR MULTI-DOMAIN OPERATIONS		
MAXIMISING CURRENT OPERATIONAL READINESS FOR CURRENT & FUTURE THREATS	ADVANCED WEAPON SYSTEMS	ENABLERS O	F AIR POWER			
NETWORKING DRINKS RECEPTION		END OF DAY TWO		END OF IFC 2025		



# WHAT'S NEW FOR IFC 2025?



Hear first-hand updates on next-generation fighter programs, including NGAD, FCAS and GCAP as contracts begin to be awarded and requirements continue to be defined.



Interactive exhibition featuring a to-scale **CCA model**, the centerpiece of the ultimate showcase of next-generation combat air solutions and technologies.



For the first time, the International Fighter Conference includes a Technology and Engineering track, enabling senior engineering leads from government, Air Forces, and industry to connect through technical presentations and discussions.



Brand new location of Rome, Italy, a connected hub for military and industry providers to meet and discuss the future of combat air.



Hear the latest observations from current conflicts, and discuss how allied nations need to come together to solidify partnerships, foster collaboration, and move towards an independent industrial base.



Extended breaks and extra social activities throughout the conference for all attendees, to maximise your time onsite to collaborate and foster longer lasting relationships.



Increased focus on the latest developments in AI and autonomy in air combat, with strategic briefings on the future of CCAs, and technical updates focusing on technology integration.



More nations in attendance than previously before, including new perspectives from Malaysia, Norway and Belgium on the agenda, making this the most international IFC to date.



"The benefit of coming to the International Fighter Conference is you get to interact, talk and liaise with a broad cross section of similar minded aviators and commanders and generals talking about the contemporary issues in in fighter combat and combat aircraft today."

Air Commodore Howard Edwards, Combat Air Force Commander, Royal Air Force

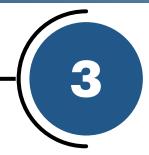




# **2025 KEY THEMES**

**Balancing force readiness** with modernisation—Examine strategies for integrating emerging technologies while ensuring operational effectiveness amid budget constraints and evolving threats

**Multi-domain operations** integration—Understand how air, space, cyber, and ground forces must work together to maintain dominance in combat air



Strategic deterrence and global force posture—Explore insights into optimising airpower positioning, deterring adversaries, and responding to shifting geopolitical landscapes

**Countering adversary** advancements and emerging

threats—Analyse how nations are responding to hypersonic weapons, electronic warfare, and nextgeneration air defence systems to maintain air superiority

Recruiting, training, retaining and developing the next generation of airpower leaders—Identify solutions to personnel shortages, pilot retention challenges, and leadership training for future air force commanders





## **BENEFITS OF ATTENDING**

**New Technology & Engineering Track** - Running alongside the traditional IFC, adding depth to discussions.

**Direct Engagement with Air Force Commanders, Procurement Leaders,** and Technology Experts

- Military, government and industry experts connect in a dedicated space.

**Stronger Industry-Air** Force Collaboration -

Senior leaders will present operational challenges and technical cases while reinforcing business arguments.

**Aligned Decision-Making -**Both technical and operational leaders working together like never before

**Greater Impact** – Expanded benefits of your participation, integrating technical and operational expertise.



## **2025 SPEAKERS INCLUDE**



General (Ret.) Mark D. Kelly Former Commander, Air Combat Command **U.S. Air Force** 



General (Ret.) **Frank Gorenc** Former Commander USAFE/ **AFAFRICA** 



Major General (Ret'd) Sylvain Ménard Former Chief Fighter and NORAD Capability **Royal Canadian Air Force** 



**General Adrian Spain** Commander **Air Combat Command** 



**Lieutenant General Antonio Conserva** Chief of Staff **Italian Air Force** 



**Lieutenant General David Tabor** Director of Programs **U.S. Air Force** 



**Lieutenant General** Giovanni Balestri Deputy Chief of Staff **Italian Air Force** 



**Vice Admiral Daniel Cheever** Commander, Naval Air Forces **U.S. Navy** 



**Major General** Jonas Wikman Commander **Swedish Air Force** 



**Major General William D Betts** Plans, Programs and Requirements Director **Air Combat Command** (ACC)



**Major General Jeff Smyth** Chief Air & Space Force Development **Royal Canadian Air Force** 



**Maior General Larry Broadwell Deputy Commander Sixteenth Air Force** 



**Major General** Cezary Wiśniewski Polish National Military Representative SHAPE



**Major General** Ahmad Khusairi bin **Ahmad Fadil** Air Support Commander **Royal Malaysian Air Force** 



Air Vice-Marshal **Shaun Harris CBE** Director Support and Chief Engineer **Royal Air Force** 



**Air Commodore Martin Lowe FCAS Programme** Director **UK MoD** 



**Major General Gregory Kreuder** Commander 19th Air Force, Air Education and Training Command (AETC) 19AF/AETC



**Rear Admiral Richard Burgess** Commander NAWDC



**Air Commodore Pete Robinson** Commander, Air Combat Group **Royal Australian Air Force** 



**Air Commodore Alun Roberts** Head Air to Air Missiles **Royal Air Force** 



**Rear Admiral** Giancarlo Ciappina Commander, Naval **Aviation Department Italian Navy** 



**Air Commodore Chris Lavden** Combat Air Force Commander **Royal Air Force** 



**Brigadier General Paolo Rubino** Chief of Staff of the Air Education Training Command / 3rd Air Region **Italian Air Force** 



**Rear Admiral David Desfougères** Commander of the French Naval **Aviation Force French Navy** 



## **2025 SPEAKERS INCLUDE**



**Tom Goffus Assistant Secretary** General for Operations NATO



**Brigadier General Phillipe Suhr** Operational Chief. **FCAS Project** French Air and **Space Force** 



**Brigadier General** Ugrik Csaba Flight Director **Hungarian Defence Force** 



**Crista-lynn Ferguson Director General** Fighter Capability **Royal Canadian Air Force** 



**Thomas Lawhead Assistant Deputy** Chief of Staff. Strategy, Integration and Requirements **U.S. Air Force** 



Colonel **Ralf Kleindienst** Deputy Commander, Weapon Systems Support Center 1 **Bundeswehr** 



Colonel Lee Bryant 96th Operations **Group Commander U.S. Air Force** 



**Colonel Roeland** Van Thienen F-35A Capability Director **Belgian Air Force** 



Colonel **Vito Cracas Assistant Director JAPCC NATO** 



Colonel **Timothy Helfrich** Director, Agile **Development Office U.S. Air Force** 



Colonel **John Cummings** Autonomous Collaborative Platforms Division Chief, ACC **U.S. Air Force** 



Colonel Klaus Wuqqazer Coordination Officer F-35A **Bundesministerium** der Verteidigung



**Regine Friedberger** Branch Chief **Bundesministerium** der Verteidigung



Commander **Jean Duboin** Navy Rafale Program Manager **French Navy** 



Col. (Ret.) **David Jake Timm Future Fighter** Training **U.S. Air Force** 



**Jason Hawker** Principal Officer NATO Flying **Training Europe NSPA** 



**Dr. Sophy Antrobus** Senior Research Fellow The Freeman Air and Space Institute, King's **College London** 



**Douglas Barrie** Senior Fellow for Military Aerospsace IISS



**Justin Bronk** Senior Research Fellow for Airpower RUSI

"The event gives us the opportunity to connect with our customers and then exchange with them. It also gives opportunity to nurture our network and expand with different perspectives with different customers and different operators from across the globe."

Hans Georg Schroder, Product Marketing, Airbus Defence and Space



# **2025 INDUSTRY SPEAKERS**



**Stephane Hebert** IFTS Business Leader. LCAJT Chairman of the **Board of Directors CAE Services Italia srl.** 



Ryan Tseng Chief Strategy Officer and Co-Founder **Shield Al** 



**Nathan Michael** Chief Technology Officer **Shield AI** 



Stephanie Lingemann Senior Director Air Domain Helsing



**David Nyikos** Director, International **Electronic Warfare Programs Airborne Combat Systems L3Harris Technologies, Inc.** 



Jon Norman VP, Air & Space Defense Systems, Requirements & Capabilities Raytheon, an RTX **business** 



**Lieutenant General** (Ret'd) Joseph "Gus" Guastella Corporate Vice President and Regional Executive for Europe & Middle East **Northrop Grumman** 



**Jorge Tamarit-**Degenhardt CFO **Eurofighter Typhoon** 



Cristiano Montrucchio Chief Operating Officer Capabilities Sustainment and **Future Enhancements Eurofighter Typhoon** 



**Ben Bellows** Vice President, Engineering, Military **Engines Pratt & Whitney,** an RTX Business



**Thomas Grohs** Head of Future Capabilities **Airbus Defence** & Space



Captain **Kevin McLaughlin** Director of Air Wing of the Future Boeing



**Rodney Meranda Business Development** Director **Boeing** 



**Diem Salmon** Vice President, Air Dominance and Strike **Anduril** 



**Simon Murray Business Development** and Strategy Lead for Autonomous Air Systems **Boeing** 



**Taylor Frank** Executive Director, Air **Dominance Strategy Boeing** 



Jeffrey Harrigian Vice President. Strategy and Business Development, Skunk Works®

**Lockheed Martin** 



Dr. Jason Levin Ph.D. Senior Vice President of Engineering Anduril



**Mikael Olsson** Head of Flight Test Department Saab AB



**Rob Hewson Public Relations** Director Saab AB



# PRE-CONFERENCE | MONDAY 3 NOVEMBER

1800

### **PRE-CONFERENCE ICE BREAKER**

Join us for some casual drinks and pick up your badge before we kick-start the main event!

**Hosted by Lockheed Martin** 





# **CONFERENCE DAY ONE** | TUESDAY 4 NOVEMBER

0700	CONFERENCE WELCOME BREAKFAST	
	Hosted By Anduril	JRIL
0800	DEFENCE IQ WELCOME	
	Alice Andrews, Conference Director, Defence iQ	
	Alice Alidiews, Collicience Director, Deterice in	
0805	CHAIRMAN'S OPENING REMARKS	
0000	OHARMAN JOF ENING REMARKS	
<b>A</b>	General (Pet'd) Mark D. Kelly Former Commander, Air Combat Command	

General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command General (Ret'd) Frank Gorenc, Former Commander, USAFE-AFAFRICA

0815 **WELCOME ADDRESS FROM GENERAL ATOMICS** 

### OVERVIEW OF AIR POWER: ADAPTING TO UNCERTAINTY IN A CHANGING GLOBAL LANDSCAPE

0820

### HOST NATION ADDRESS: PROMOTING AIR POWER THROUGH COLLABORATION AND INNOVATION

- Perspective on developments in 6th generation aircraft, and how cutting-edge technologies will support the Italian Air Force's future capabilities
- Demonstrating the F-35 fleet's Joint Air Power capabilities and growing proficiency with large-scale and international exercises
- Instilling a fifth-generation mindset with advanced training to achieve operational success

Lieutenant General Giovanni Balestri, Deputy Chief of Staff, Italian Air Force

0850

#### **INDUSTRY INSIGHTS FROM GENERAL ATOMICS**



0920

(@RUSI

### ADVANCEMENTS NEEDED IN NATO AIR POWER TO EFFECTIVELY DETER AND DEFEAT THREATS FROM RUSSIA

- Gap analysis on NATO Air Power Developments against Russia
- Importance of rapidly increasing airborne electromagnetic warfare capabilities in Europe to bolster Western airpower
- Key observations from the conflict in Ukraine as allies offer air support

Justin Bronk, Senior Research Fellow for Airpower and Technology, RUSI



0950 INDUST

### **INDUSTRY INSIGHTS FROM AIRBUS: NEED FOR SPEED**

- Link of Air operations with Multi-Domain Operations
- · Digital Capabilities to accelerate operational cycle & Weapon systems development
- Autonomy roadmap

Thomas Grohs, Head of Unmanned Aerial Systems, Airbus Defence and Space

**AIRBUS** 

1020

### RAPID MODERNISATION OF CHINESE COMBAT AIR POWER

- · How the Chinese Air Force are combining speed, power and agility to enhance performance and combat capabilities
- Strategic implications of Chinese 6th Generation aircraft development on NATO and the Indo-Pacific
- Keeping pace with advancements in Al-powered drones and loval wingman to enhance force flexibility

Douglas Barrie, Senior Fellow for Military Aerospace, IISS

1050

IISS

**MORNING COFFEE & NETWORKING BREAK** 

### HARNESSING AUTONOMY FOR NEXT GENERATION AIR DOMINANCE TODAY

1120

### CANADA'S APPROACH TO MAINTAINING AIR SUPERIORITY

- · Overview of Canada's Air Forces' defense strategy for the air domain and how a next-generation fighter would fit in
- Updates on Canadian Air Force's current initiatives, program status, and anticipated timelines for implementation
- Adopting common operational and communication strategies and standards for effective collaboration with allies

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Major General Jeff Smyth, Chief Air and Space Force Development, Royal Canadian Air Force

Crista-lynn Ferguson, Director General Fighter Capability, Royal Canadian Air Force

1150

### PANEL DISCUSSION: THE EVOLUTION OF AIRPOWER - FROM ENDURING PRINCIPLES TO EMERGING TECHNOLOGY

Airpower is proving decisive worldwide—from Israel and Iran to Ukraine, Russia, Pakistan, and India—offering lessons for U.S. and NATO priorities. As Collaborative Combat Aircraft and new technologies emerge, the U.S. looks to the Pacific while Europe focuses on Russia, highlighting a strategic inflection point for airpower investment.

- Do the principles of airpower (Flexibility, Range, Payload, Spectrum, Speed, Survivability) still hold true and how do we balance these against the need to be affordable and in greater numbers?
- Does the world need 6th Generation technology?
- Do to lessons from WWII inform current/future requirement?
- Should we wait for 'requirements' or should industry 'push' more cutting edge technology?
- Next Gen drivers are needed to pace technological development. Just because it's possible should it still be pursued, and is it probable? What about uncrewed/ affordable mass, manpower, and ethical questions?
- · How do you manage rebalancing/refilling current capabilities while developing future capabilities in an era where budgets aren't always aligned?
- What are the core beliefs we should hold to in the changing character of airpower technology?

Moderator: **General (Ret'd) Frank Gorenc,** Former Commander, **USAFE-AFAFRICA**Papalliste.

Panellists:

Jeff Harrigian, Vice President of Business Development Skunk Works, Lockheed Martin

Taylor Frank, Executive Director, Air Dominance Strategy, Boeing

Lieutenant General (Ret'd) Joseph "Gus" Guastella, Corporate Vice President and Regional Executive for Europe & Middle East, Northrop Grumman

LOCKHEED A MARTIN



1220

### BOOSTING AIR COMBAT CAPABILITY TO ADDRESS AUSTRALIA'S DETERRENCE GAP

- Increasing Air Combat mass, lethality, and survivability with increased force size, and supplementing squadrons with autonomous aircraft
- Challenges of integrating CCAs with the existing combat air fleet
- Enhancing combat readiness to respond to new and evolving threats

Air Commodore Pete Robinson, Commander, Air Combat Group, Royal Australian Air Force

1250

### PANEL DISCUSSION: DELIVERING MISSION AUTONOMY FOR NEXT GENERATION AIR DOMINANCE TODAY

The rapid acceleration of Al-driven air autonomy is transforming the future of combat air power. With platforms like Boeing's Ghostbat, the USAF's YFQ-44A and YFQ-42A CCAs, and Helsing's Centaur Al pilot integrated into the Saab Gripen-E, the shift from experimentation to operational deployment is well underway.

This panel explores how Autonomous Collaborative Platforms (ACPs) and Collaborative Combat Aircraft (CCAs) will reshape mission roles, redefine risk calculus, and drive new operational concepts and tactics, while addressing the technical and doctrinal challenges that remain.

- How will the successful integration of combat air autonomy fundamentally affect the employment of air power and help deliver air superiority?
- What missions and roles do air forces foresee Autonomous Collaborative Platforms (ACPs) and CCAs undertaking? How will they alter the risk calculus for combat air operations and develop novel combat air operational concepts and tactics?
- How will the successful integration of ACPs / CCAs drive the future combat air force mix between crewed and uncrewed capabilities?
- How do we ensure that AI agents flying ACPs/CCAs stay competitive?
- What's the biggest challenge to moving autonomous platforms from the laboratory to real-world environments? What are the technical and human challenges that need to be considered?
- What policies, ethical frameworks, or guardrails are most urgently needed to ensure autonomy is harnessed responsibly without slowing down innovation?
- As we field autonomous uncrewed systems across different domains and with allied forces, how do we ensure interoperability, common standards, and effective command-and-control integration?

Moderator: General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command

Shield Al

**AIRBUS** 

Panellists:

Stephanie Lingemann, Senior Director Air Domain, Helsing

Nathan Michael, Chief Technology Officer, Shield AI

Diem Salmon, Vice President, Air Dominance and Strike, Anduril

Thomas Grohs, Head of Unmanned Aerial Systems, Airbus

1330

**NETWORKING LUNCH BREAK** 



OPERATIONAL TRACK			ADVANCED ENGINEERING & TECHNOLOGY TRACK			
READINESS FOR CURRENT & FUTURE THREATS			C2, COMBAT CLOUD, AND PROCESSING AT THE EDGE			
1430	<ul> <li>SWEDISH AIR FORCE PERSPECTIVE ON THE EVOLVING OPERATIONAL ENVIRONMENT, AND ITS IMPACT ON CURRENT AND FUTURE REQUIREMENTS</li> <li>Exploring the evolving threat landscape and its implications for airpower agility, resilience, and multi-domain integration</li> <li>Swedish Air Force research initiatives into autonomy and MUM-T, with a focus on the development and operational integration of CCAs</li> <li>Identifying capability gaps and future force structure requirements shaped by emerging technologies, peer-level threats, and joint operational demands</li> <li>Major General Jonas Wikman, Commander, Swedish Air Force</li> </ul>	1430	<ul> <li>UTILISING AI AND ML FOR ENHANCED DECISION MAKING</li> <li>How artificial intelligence can support NATO's future force and capability development, and what is the timeline for implementation in fixed-wing aircraft</li> <li>Ethical considerations for increasing reliance on automation, and potential disadvantages of adversaries use of AI without ethical considerations</li> <li>Colonel Vito Cracas, Assistant Director, Joint Air Power Competence Centre</li> </ul>			
1500	GENERATION SPEED - DISRUPTING AIR POWER WITH SOFTWARE, DATA AND AI  • Embracing the software revolution: Proof Points following IFC 2024  • Effect on Flight Operations  • Effect on User and Customer Adaption  • Operational Perspective  Mikael Olsson, Head of Flight Test Department, Saab AB	1500	INDUSTRY INSIGHTS FROM GENERAL ATOMICS & GENERAL ATOMICS			
1530	<ul> <li>UPDATES ON THE AIR FORCE'S COLLABORATIVE COMBAT AIRCRAFT</li> <li>Insights into USAF's Collaborative Combat Aircraft (CCA), updates on progress, building and fielding CCA</li> <li>Exploring CCA, an affordable, capable aircraft that complements the existing force</li> <li>Updates on acquisition and operations, working together to build, test, and integrate this new capability</li> <li>Colonel Timothy Helfrich, Director, Agile Development Office, U.S. Air Force</li> <li>Colonel John Cummings, Autonomous Collaborative Platforms Division Chief, Air Combat Command</li> </ul>	1530	<ul> <li>INCORPORATING INFORMATION WARFARE AT THE OPERATIONAL AND TACTICAL LEVEL - SIXTEENTH AIR FORCE PRIORITIES</li> <li>Current priorities for the 16th Air Force</li> <li>Importance of information sharing with allies to collectively address global challenges</li> <li>Challenges of persistently engaging and responding to threats today and in the future</li> <li>Major General Larry Broadwell, Deputy Commander, Sixteenth Air Force</li> </ul>			



OPERATIONAL TRACK		ADVANCED ENGINEERING & TECHNOLOGY TRACK			
	READINESS FOR CURRENT & FUTURE THREATS	ADVANCED WEAPON SYSTEMS			
1630	<ul> <li>ENSURING SUCCESSFUL INTEGRATION OF AUTONOMOUS SYSTEMS WITHIN THE POLISH AIR CAPABILITIES</li> <li>Observations from Polish air activities as the Ukraine conflict continues</li> <li>Integrating systems such as UAVs into air combat capabilities to enhance operations</li> <li>Ensuring interoperability between multiple systems as they continue to be developed</li> <li>Major General Cezary Wiśniewski, Polish National Military Representative, SHAPE</li> </ul>	1630	<ul> <li>UK PERSPECTIVE ON FUTURE WEAPONS AND ARMAMENTS RESILIENCE</li> <li>Strategic direction: Understand how the 2025 SDR shapes the trajectory of UK weapon development</li> <li>Armaments Resilience: Explore the need to diversify and reinforce armaments production to meet current demands</li> <li>Impact on future effectors: examine how the current strategic picture is impacting the development of future weapons</li> <li>Air Commodore Alun Roberts, Head Air to Air Missiles, Royal Air Force</li> </ul>		
1700	<ul> <li>FUTURE VISION OF AIR FORCE AND ALLIED COMBAT CAPABILITY</li> <li>Priorities for plans &amp; programmes</li> <li>Enhancing interoperability</li> <li>Strategies for air dominance</li> <li>Major General William Betts, Plans, Programs and Requirements Director, Air Combat Command</li> </ul>	1700	CAPABILITIES OF WEAPON SYSTEM SUPPORT CENTRE 1 TO SUPPORT EUROFIGHTER AND TORNADO  Strategies to maintain and support combat aircraft during both development and deployment  Supporting the phase-in of remotely piloted aircraft  Priorities for sustaining weapon capabilities for aircraft currently in deployment  Associated technical challenges with supporting weapon systems for next-generation aircraft  Colonel Ralf Kleindienst, Deputy Commander, Weapon Systems Support Center 1, Bundeswehr		
1730	RETURN TO PLENARY				



"Overall, I felt this was an outstanding conference. The topics addressed the current issues we all face and what's possible for the future, and the subject matter experts presented the topics well."

**Senior Director Europe, Metrea** 



1735

### INDUSTRY LEADERS PANEL DISCUSSION: INDUSTRIAL SOVEREIGNTY AND COMBAT AIR - THE LINE BETWEEN PARTNERSHIP AND DEPENDENCE

- How does industry see the shift towards an independent industrial base impacting supply chain? What are the practical implications—and trade-offs—of building a more autonomous industrial base for combat air?
- How can sixth-generation ambitions be shaped to reflect the industrial realities of Europe's defence ecosystem—without compromising on capability or credibility?
- How can air forces and governments better structure programmes to ensure Europe's broader supplier ecosystem contributes meaningfully to next-gen combat air and what role can you, as primes, play in enabling that? Is there a risk that without deliberate intervention, we default to familiar industrial patterns—and miss out on the agility and innovation smaller players can bring?
- Where do you see alignment—or tension—or opportunity between European autonomy and U.S. industrial interests?
- How might US firms embed capability on the continent, and what should European governments do to make that investment climate viable without compromising on strategic autonomy?

Moderator: General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command Panellists:

Industry Leader. General Atomics

Rob Hewson, Public Relations Director, Saab AB Jorge Tamarit-Degenhardt, CEO, Eurofighter Typhoon

Jeff Harrigian, Vice President of Business Development Skunk Works, Lockheed Martin

1810

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### **CHAIRMAN'S CLOSING REMARKS**

General (Ret'd) Mark D. Kelly. Former Commander. Air Combat Command General (Ret'd) Frank Gorenc, Former Commander, USAFE-AFAFRICA

1815

**NETWORKING DRINKS RECEPTION HOSTED BY GENERAL ATOMICS** 









0720

**REGISTRATION AND REFRESHMENTS** 

0815

**CHAIRMAN'S OPENING REMARKS** 



General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command General (Ret'd) Frank Gorenc, Former Commander, USAFE-AFAFRICA

### **ACHIEVING FUTURE AIR DOMINANCE: PROGRAMME UPDATES**

0820

### **NEXT-GENERATION AIR DOMINANCE: ACHIEVING AIR DOMINANCE WITH THE F-47**

- Updates from the Air Force program of the Future Years Defence Plan
- Progress of the Next Generation Air Dominance program with the award of the F-47 contract in 2025
- Addressing the challenge of interoperability across the USAF's key capabilities



Lieutenant General David Tabor, Deputy Chief of Staff for Plans and Programs, U.S. Air Force

0850

### INDUSTRY INSIGHTS FROM EUROFIGHTER TYPHOON

Jorge Tamarit-Degenhardt, CEO, Eurofighter Typhoon



0920

### **GCAP AND FCAS UPDATE FROM THE UK**

- · Updates on Tempest development to improve air combat capabilities and address evolving threats
- Progress on GCAP negotiations and strategies to accelerate procurement
- Importance of collaboration for future fighter aircraft capabilities

Air Commodore Martin Lowe, FCAS Programme Director, UK MoD

0950

### FROM CONCEPT TO COMBAT: DELIVERING SOVEREIGN, SUSTAINABLE, LETHAL FIRES

- Nations need systems that deliver sustainable, distributed, long-range lethal fires in volume
- Shield Al's new multirole strike fighter, X-BAT, enables precisely that—scalable, autonomous strike capability for contested environments
- Autonomy is no longer theoretical: Hivemind powers real systems and is ready for coalition adoption
- · Partnerships show how Europe can achieve sovereign autonomy while aligning with allied interests

Ryan Tseng, Chief Strategy Officer and Co-founder, Shield AI



1020

#### ADVANCING AIR COMBAT CAPABILITIES FOR THE US NAVY: MEETING TODAY'S AND TOMORROW'S THREATS

- Updates on the Navy's NGAD program to achieve future air dominance
- · Challenges of integrating legacy and future platforms to counter evolving peer threats
- · Modernisation and upgrade programs for 4th and 5th generation platforms to enhance strike, reach, survivability, and networked operations

Vice Admiral Daniel Cheever, Commander, Naval Air Forces, U.S. Navy

### **INDUSTRY INSIGHTS FROM ANDURIL**

Dr. Jason Levin Ph.D., Senior Vice President of Engineering, Anduril

1050



1120

### **MORNING COFFEE & NETWORKING BREAK**

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### **ENABLERS FOR FUTURE AIR OPERATIONS: ELECTRONIC ATTACK. AIR TO AIR REFUELLING, AEW & BATTLE MANAGEMENT**

1150 INDUSTRY INSIGHTS FROM LOCKHEED MARTIN



### **UPCOMING REQUIREMENTS FOR THE US AIR FORCE TO SUPPORT FUTURE OPERATIONS**

- Upcoming requirements for an integrated Air Force
- Assessing the current operating environment to determine future requirements
- Delivering the right capabilities to the warfighter in a timely manner Thomas Lawhead, Assistant Deputy Chief of Staff, Strategy, Integration and Requirements, U.S. Air Force



1250

1220

### INDUSTRY INSIGHTS FROM NORTHROP GRUMMAN

Lieutenant General (Ret'd) Joseph "Gus" Guastella, Corporate Vice President and Regional Executive for Europe & Middle East, **Northrop Grumman** 

NORTHROP-

### **ADVANCED ENGINEERING & TECHNOLOGY TRACK**

### **AIRCRAFT LOGISTICS, DESIGN & MANUFACTURING**

### MODERNISATION AND CAPABILITIES TRANSFER OF THE GERMAN FIGHTER FLEET TO MAINTAIN AND INCREASE COMBAT READINESS

- Seamless transition of TORNADO capabilities onto other plattforms
- The enabler for the German Air Force
- Introduction of the F-35A challenges and opportunities



1220

1150

Regine Friedberger, Branch Chief, Bundesministerium der Verteidigung Colonel Klaus Wuggazer, Coordination Officer F-35A, Bundesministerium der Verteidigung

### THE EUROFIGHTER TYPHOON – CURRENT AND FUTURE OPERATIONAL EFFECTIVENESS SUPPORTED BY TECHNOLOGIES AND CAPABILITIES

- The Eurofighter Typhoon in the context of the current operations ensuring air power and combat mass to partner nations and allies
- Product capabilities evolution what we are doing
- The Typhoon in the next decades enabling sustained operational relevance in future scenarios

Cristiano Montrucchio, Chief Operating Officer Capabilities Sustainment and Future Enhancements, Eurofighter Typhoon



### FLIGHT-TESTED. FUTURE READY: ENGINEERING AIR DOMINANCE

- Understand how the 96th Operations Group is aligning strategies for air superiority with digital transformation
- · Gain insights into the testing of manned and unmanned systems for future air operations
- Testing priorities and strategies for AI and other digital tools, and plans for successful integration

Colonel Lee Bryant, Commander, 96th Operations Group, U.S. Air Force



1250



1320

**NETWORKING LUNCH BREAK** 

### **OPERATIONAL TRACK**

### **ENABLERS FOR FUTURE AIR OPERATIONS: ELECTRONIC ATTACK,** AIR TO AIR REFUELLING, AEW & BATTLE MANAGEMENT

1420

#### FRANCE'S FUTURE AIR COMBAT CAPABILITIES

- Current French air combat capabilities and upcoming requirements
- · Moving towards collaborative air warfare with allies
- Progress on the NGWS and the French Air and Space Force's contribution Brigadier General Phillipe Suhr, Operational Chief, FCAS Project, French **Air and Space Force**



### **ADVANCED ENGINEERING & TECHNOLOGY TRACK**

### SUPPORTING ADVANCED CAPABILITIES: PROPULSION, POWER, AND SITUATIONAL AWARNESS

1420

### PANEL DISCUSSION: POWERING NEXT-GENERATION AIRCRAFT

- What are advancements needed in integrated propulsion, power, and thermal management to meet future fighter aircraft requirements?
- How can new technologies be tested, matured, and transitioned effectively across legacy fleets and next-generation platforms to accelerate fleet modernisation while minimising integration risk?
- · What are the key challenges in scaling, certifying, and transferring emerging capabilities across diverse aircraft fleets, and how can industry-government collaboration streamline this transition process?

Moderator:

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



Ben Bellows, Vice President, Engineering, Military Engines, Pratt & Whitney, an RTX Business

Colonel Lee Bryant, Commander, 96th Operations Group, U.S. Air Force

1450

### PANEL DISCUSSION: INCREASING DEPTH TO MAXIMISE THE NUMBER OF AIRCRAFT AVAILABLE FOR COMBAT

- How can air forces and industry partners shift from lean inventories to scalable, resilient munitions stockpiles without compromising efficiency?
- How should munitions planning adapt to account for high-consumption rates in prolonged, high-intensity conflict scenarios?
- What are the key supply chain vulnerabilities affecting magazine depth today, and how can they be mitigated across allied forces? Moderator:

General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command Panellists: Jon Norman, VP, Air & Space Defense Systems, Requirements & Capabilities Raytheon, an RTX business

Air Commodore Alun Roberts, Head Air to Air Missiles, Royal Air Force Captain Kevin McLaughlin, Director of Air Wing of the Future, Boeing

1450

### **BOLSTERING IN-FLIGHT DECISION MAKING WITH ADVANCED TECHNOLOGY**

- Current developments in the Navy Rafale Program
- Technical capabilities to detect, track, and identify threats across air, sea, and land domains
- Empowering pilots with timely, actionable intelligence with enhanced decision support



Commander Jean Duboin, Navy Rafale Program Manager, French Navy



1530

**AFTERNOON TEA & NETWORKING BREAK** 

### **RETURN TO PLENARY**

1600

### KEYNOTE: FORGING READINESS TOGETHER: THE POWER OF PARTNERSHIP IN A COMPLEX WORLD

- Highlights the critical role of partnerships in achieving air superiority through seamless integration across air, space, and cyber domains.
- Showcases how joint and coalition operations enhance readiness and interoperability to counter evolving global threats.
- Emphasizes the importance of industry innovation in delivering cutting-edge technologies that ensure future air dominance.

General Adrian Spain, Commander, Air Combat Command

1630

### **ACADEMIC INSIGHTS: CHALLENGES AND OPPORTUNITIES IN THE ROYAL AIR FORCE**

Dr Sophy Antrobus, Senior Research Fellow and Co-Directorm Freeman Air and Space Institute, King's College London

1650

### PANEL DISCUSSION: ADVANCING OPERATIONAL TRAINING FOR CURRENT AND FUTURE CONFLICTS: ESSENTIAL MISSIONS AND GETTING READY FOR CCAS

- What are the key missions that pilots must ace in a peer conflict and given lessons from Ukraine? How must air forces prioritise live and synthetic training for lethal advantage?
- What are the future trends in training for 6th generation aircraft, alongside unmanned systems?
- Changing training needs on the fly: How to build-in flexibility and minimize disruption in the transition from a traditional training cycle? How would existing training regimes need to evolve and how quickly can this transition take place when needed?
- What might the teaching of "softer" but necessary skills such physical and mental resilience need to look like and how to measure and assess these skills?
- How are air forces increasing retention of new pilots, and what strategies are they using to recruit the next generation of fighter pilots? Moderator:

(4)

Major General (Ret'd) Sylvain Ménard, Former Chief Fighter and NORAD Capability, Royal Canadian Air Force

Panellists:

**Crista-lynn Ferguson,** Director General Fighter Capability, **Royal Canadian Air Force** 

Brigadier General Paolo Rubino, Chief of Staff of the Air Education Training Command / 3rd Air Region, Italian Air Force

**Stephane Hebert,** IFTS Business Leader, LCAJT Chairman of the Board of Directors, **CAE Services Italia srl. Simon Murray,** Business Development and Strategy Lead for Autonomous Air Systems, **Boeing** 

() BOEING

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1730

### CLOSING KEYNOTE - ITALIAN CONTRIBUTION TO THE SIXTH GENERATION COMBAT AIR SYSTEM: DEVELOPMENT AND INTEGRATION OUTLOOK

- How the Italian Air Force contributes to defining the operational concepts, requirements, and integration of the future system
- The role of Italian industry in developing core technologies for the GCAP system

Colonel Antonio Vivolo, FCAS Tempest Director & Senior Technical Representative to GCAP, Italian MoD National Armament Directorate

1800

#### **CHAIRMAN'S CLOSING REMARKS**

General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command General (Ret'd) Frank Gorenc, Former Commander, USAFE-AFAFRICA







# CONFERENCE DAY THREE | THURSDAY 6 NOVEMBER

0730

**REGISTRATION AND REFRESHMENTS** 

0815

### **CHAIRMAN'S OPENING REMARKS**



General (Ret'd) Mark D. Kelly. Former Commander. Air Combat Command General (Ret'd) Frank Gorenc. Former Commander, USAFE-AFAFRICA

### PRIORITIES FOR FUTURE AIR OPERATIONS

0820

#### **KEYNOTE: PRIORITIES FOR ITALIAN NAVAL AVIATION**

- Prioritising stealth and multirole strike capabilities with the F-35 fleet
- Enhancing carrier air wing operations and integrating with NATO maritime forces



• Future priorities to integrate manned-unmanned teaming, and counter A2/AD threats

Rear Admiral Giancarlo Ciappina, Commander, Naval Aviation Department, Italian Navy

0850

### RAF COMBAT AIR - SETTING THE FORCE TO FLY. FIGHT AND WIN. IN THE 5TH GENERATION AND BEYOND

- The combat air platforms and capabilities we intend to field, and how we'll employ them
- How we will need to support our national combat air capability, founded on a conflict-ready national arsenal and the full spectrum of enablement, ranging from logistics to information and cyber/electro-magnetic capabilities

• What sort of fighter pilots we will need, and how we will train them: their mindset, capabilities and approach Air Commodore Chris Layden, Combat Air Force Commander, Royal Air Force

0920

### PANEL DISCUSSION: ENABLERS OF AIR POWER - ELECTRONIC WARFARE, AEW, A2A REFUELING

What are the key missions that pilots must ace in a peer Drawing on insights from the recent air engagement between Pakistan and Indiawhere stand-off tactics. AEW systems, and guided long-range weapons shifted the tactical calculusthis discussion will explore how to optimise modern combat air operations against advanced, long-range adversaries. The discussion will also explore key enabling technologies and systems that enhance the effectiveness of combat air operations at range, including airborne early warning (AEW), air-to-air (A2A) refuelling, electronic warfare, and networked battlespace capabilities.

- What new EW and counter-countermeasure technologies are required to protect our network-centric warfare architecture while still enabling stand-off engagements?
- In an environment where the adversary can strike from beyond traditional engagement distances, how must our approach to enabling systems change?
- · What are the central lessons we can extract from the recent May 2025 engagement regarding the evolution of long-range aerial threats?
- Given current long-range threat profiles, how critical is the role of AEW systems in detection and weapon guidance?
- To what extent did AEW and ISR capabilities redefine the rules of engagementand what improvements are needed for the future?
- What operational and logistical challenges are associated with extending fighter endurance in a high-threat, stand-off environment?
- In scenarios where rapid force projection is essential, how can we ensure that refuelling operations themselves remain resilient to enemy detection and countermeasures?
- How can we refine our doctrine to maximise the synergy between stand-off detection, passive engagement, and rapid, precision retaliation?
- What do we need to understand about our adversaries' EW capabilities and tactics to ensure spectrum dominance?

Moderator: General (Ret'd) Frank Gorenc, Former Commander, USAFE-AFAFRICA Panellists:



Tom Goffus, Assistant Secretary General for Operations, NATO

Rodney Meranda, Business Development Director, Boeing

Major General Jeff Smyth, Chief Air & Space Force Development, Royal Canadian Air Force

David Nyikos, Director, International Electronic Warfare Programs Airborne Combat Systems, L3 Harris Technologies



# CONFERENCE DAY THREE | THURSDAY 6 NOVEMBER

1000

### **ENABLING COMBAT AIR AGILITY: INTEROPERABILITY ON THE GROUND**

- Configured for efficiency, not resilience and agility?: Since the end of the Cold War, we have become configured more for efficiency in smaller scale conflict than the resilience and agility required in full-scale coalition warfighting.
- Resilience & Agility = Logistics: To rapidly disperse and operate combat aircraft, responding to evolving threats, we must minimise equipment movements, utilising what is available, and assisted by our NATO allies.
- 3/8

• Cross-Servicing – a force multiplier: We must be able to conduct basic activities to get each other's aircraft back into the fight, with minimal support.

Air Vice-Marshal Shaun Harris CBE, Director Support and Chief Engineer, Royal Air Force

1030

### AIR POWER FROM THE SEA AND AT SEA - HOW THE AIRCRAFT CARRIER CAN MEET TODAY'S CHALLENGES

Rear Admiral David Desfougères, Commander of the French Naval Aviation Force, French Navy

1050

**MORNING COFFEE & NETWORKING BREAK** 

### **INCREASING TRAINING CAPACITY**

1120

### **SOLVING THE FIGHTER PILOT CRISIS**

- · Defining a Quality Graduate
- Requirements, Resources, and Risk



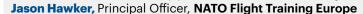
Instilling Objective Rigor into Pilot Training Through Competency Mapping

Major General Gregory Kreuder, Commander, 19th Air Force

1150

### MULTINATIONAL FAST JET AND ADVERSARY TRAINING REQUIREMENTS - NATO FLIGHT TRAINING EUROPE

- · Successes and challenges of the NFTE after reaching full operational capability
- Leveraging existing structures to maximise training capacity
- Collaboration with industry partners to deliver on NFTE goals



1220

### DEVELOPMENTS IN THE SURROGATE TRAINING FAMILY OF SYSTEMS TO SUPPORT FUTURE FIGHTER PILOTS

- Supporting the next generation of pilots with training designed around the integration of CCAs and autonomy
- US Air Force Leadership priorities to determine the pace of advancing future fighter training and readiness
- How developments in 6th generation fighter programmes are influencing training programmes

David "Jake" Timm, Future Fighter Training SME, Air Combat Command, U.S. Air Force

1250

### TRAINING UPDATES FROM THE ITALIAN AIR FORCE

ItAF Training Pipeline

Achievements and Developments

- International Flight Training School in Decimomannu

Brigadier General Paolo Rubino, Chief of Staff of the Air Education Training Command / 3rd Air Region, Italian Air Force

1330 **NETWORKING LUNCH BREAK** 



1450

1520

1550

1620

1650

1720

1730

# CONFERENCE DAY THREE | THURSDAY 6 NOVEMBER

### MODERNISATION STRATEGIES TO RESPOND TO CURRENT THREATS

1420 HOW THE RMAF IS MODERNIZING ITS FLEET TO INCREASE COMBAT STRENGTH

- Enhancing combat air capabilities, and addressing gaps with additional F/A-18s
- Technical and logistical challenges of integrating new aircraft with the existing fleet, and steps to ensure operational compatibility
- Collaboration with allies and partners to enhance maintenance efficiency and operational readiness

Major General Ahmad Khusairi bin Ahmad Fadil, Air Support Commander, Royal Malaysian Air Force

STRENGTHENING EXISTING FIGHTER CAPABILITIES WITH TARGETED UPGRADES AND FLEET EXPANSION

- Ensuring readiness and interoperability within NATO
- Maintaining a cost-effective defence strategy with strategic fleet expansion
- · How targeted upgrades are ensuing the Hungarian Defence Force stays ahead of evolving threats Brigadier General Ugrik Csaba, Flight Director, Hungarian Defence Force

MODERNISATION OF THE BELGIAN AIR FORCE TO ENSURE OPERATIONAL READINESS

- Updates on the ongoing transition from F-16 to F-35A
- Priorities for ensuring pilots and maintainers to operate and sustain 5th generation aircraft
- Considerations for international collaboration and interoperability

Colonel Roeland Van Thienen, F-35A Capability Director, Belgian Air Force

**AFTERNOON TEA & NETWORKING BREAK** 

## HARNESSING AIR POWER FOR MULTI-DOMAIN OPERATIONS

ENSURING AIR SUPERIORITY OF NAVAL AVIATION THROUGH ADVANCED TTP ACROSS COMBAT MISSION AREAS

- Refining the latest innovations and tactical strategies in Naval air operations
- Enforcing combat proficiency standards for air combat training and tactics
- Ensuring alignment of training procedures and programs to mitigate gaps across all platforms

Rear Admiral Richard Burgess, Prospective Commander, NAWDC

**CLOSING KEYNOTE: ITALIAN AIR FORCE STRATEGY FOR FUTURE OPERATIONS** 

Lieutenant General Antonio Conserva, Chief of Staff, Italian Air Force

General (Ret'd) Mark D. Kelly, Former Commander, Air Combat Command

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

**END OF INTERNATIONAL FIGHTER 2025** 

**CHAIRMAN'S CLOSING REMARKS** 



## **MAXIMISE YOUR INVOLVEMENT:** SPONSORSHIP AND EXHIBITION OPPORTUNITIES

IFC 2025 will be attended by senior air force leaders and decision-makers from across military, government personnel, as well as key industry stakeholders, bringing together buyers and suppliers in one location. With tailored networking, sponsors can achieve the face-to-face contact with air force leadership that overcrowded trade shows cannot deliver.

Take the opportunity to showcase your solution, increase brand recognition, and meet with prospects in an environment built for making business connections.

### **Solutions & Technologies in Demand at IFC 2025**

If you want project leaders to be aware of the capability you bring to next generation fighters and the upgrade market, you need to be influencing the requirement now. Air Force leaders and senior decision makers at IFC 2025 are looking to meet with:

- Fighter Aircraft Manufacturers
- Weapon System Providers
- AI/ML & Autonomous System Software Developers
- Flight Training & Simulation Providers
- Electronic Warfare Companies
- Sensors & Avionics Companies
- Combat Cloud & C2 System Solution Providers
- Propulsion & Thermal Management Technology & Solution Providers

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Showcase your products and build awareness with our bespoke branding opportunities



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For more information and to discuss the right opportunity, contact Yousuf Malik on +44 (0)207 368 9300 or partner@igpc.co.uk





### **Free Industry** Resources

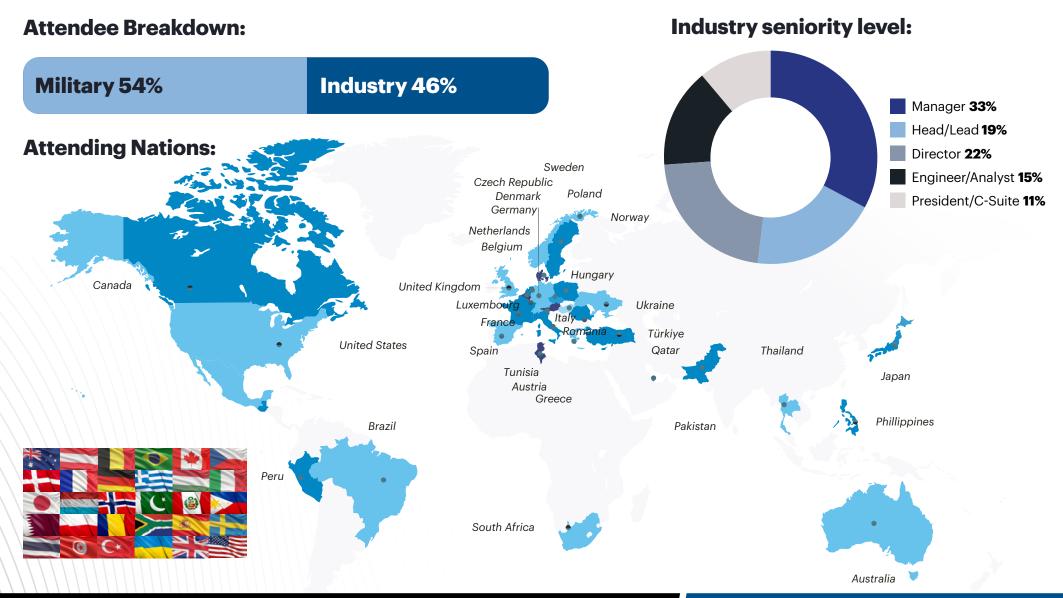
You can access a variety of free resources such as whitepapers, articles, news, podcasts and presentations online here





## WHO COULD YOU MEET AT IFC 2025?

The IFC annually attracts over 400 senior military practitioners, including Air Force Commanders, procurement specialists, capability planners, and – of course – pilots, from large and small air forces alike, to address all aspects of contemporary and future combat airpower delivery.





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General Atomics Aeronautical Systems, Inc. (GA-ASI), an affiliate of General Atomics, is a leading designer and manufacturer of proven, reliable RPA systems, radars, and electro-optic and related mission systems, including the Predator® RPA series and the Lynx® Multi-mode Radar. With more than eight million flight hours, GA-ASI provides long-endurance, mission-capable aircraft with integrated sensor and data link systems required to deliver persistent situational awareness. The company also produces a variety of sensor control/image analysis software, offers pilot training and support services, and develops meta-material antennas.

www.ga-asi.com

### THREE STAR PARTNERS \*\*



As a global leader in the aerospace industry, Airbus offers a wide range of products and services designed to meet the highest standards of safety and efficiency. Spanning the commercial aircraft, helicopter, defence and space sectors, our innovative products and services are relied upon by customers around the globe.

We support our customers in fulfilling their missions by pioneering sustainable aerospace for a safe and united world. We work tirelessly to develop new and disruptive technologies that improve our product offerings across all business areas. This includes innovations to minimise the environmental impact of our product platforms and services throughout their lifecycles.

Airbus Defence and Space is a Division of Airbus. It is the No. 1 defence and space player in Europe, delivering innovative and sustainable defence, security and space solutions for a safe and united world. Airbus Defence and Space is based on three end-to-end accountable Business Lines: Air Power, Space Systems and Connected Intelligence.

We pioneer cutting-edge technologies and aircraft to help our customers fulfil their mission to make the world a safer place. Airbus products and services are used every day to strengthen global security, ensuring the safety of citizens and the strategic autonomy of nations.

In today's complex threat environment, Airbus ensures superiority across land, air, sea, space, and cyber domains with interoperable solutions.

As the prime contractor for Europe's Future Combat Air System (FCAS), we lead the development of advanced networks of manned and unmanned platforms. The MultiDomain Combat Cloud (MDCC) showcases our innovation in cyber-resilient and cloud-based military communications.

Our world-class portfolio includes the Eurofighter Typhoon combat aircraft, the A400M airlifter, the C295 and CN235 tactical transport aircraft, the A330 MRTT refuelling tanker and reliable Unmanned Aerial Systems (UAS). These include the mediumaltitude, long-endurance Eurodrone – currently under development – and the tactical Sirtap.

#### www.airbus.com/en/defence



Eurofighter Typhoon is a world leading new generation multi-/swing-role combat aircraft. As Europe's largest military collaborative programme, it delivers both air dominance and effective air to ground capability through leading-edge technologies and unrivalled performance. Eurofighter GmbH manages the programme on behalf of its Partner Companies: Airbus Defence and Space, BAE Systems and Leonardo. The twin-engine aircraft is the effective, proven and trusted backbone of European air power and sustains 100,000 highly skilled jobs and a network of about 400 suppliers.

#### www.eurofighter.com



Boeing is the world's largest aerospace company and leading manufacturer of commercial jetliners, defense, space, and security systems, and service provider of aftermarket support. As America's biggest manufacturing exporter, the company supports airlines and U.S. and allied government customers in more than 150 countries.

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### http://www.boeing.com/defense/



Shield AI is a venture-backed defense technology company whose mission is to protect service members and civilians with intelligent systems. In pursuit of this mission, Shield AI is building the world's best AI pilot. Its AI pilot. Its AI pilot. Hivemind, has flown a fighter jet (F-16), a vertical takeoff and landing drone (V-BAT), and a quadcopter (Nova). The company has offices in San Diego, Dallas, Washington DC and abroad. Shield Al's products and people are currently in the field actively supporting operations with the U.S. Department of Defense and U.S. allies. For more information, visit www.shield.ai.

www.shield.ai



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Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 116,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

The corporation, led by James Taiclet, chairman, president and chief executive officer, is organized around our core business areas: Aeronautics, Rotary and Mission Systems, Missiles and Fire Control, and Space Systems. Aeronautics delivers breakthrough capabilities and landmark aircraft that continually redefine flight. The Aeronautics employees are committed to the relentless research and development of high-performance aircraft, seeking innovative, low-cost design and manufacturing strategies, and delivering operational readiness for our customer's missions to ensure continued relevancy for the life cycle of our products.

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Helsing businesses in the UK, Germany and France, serve each country's specific sovereign requirements, utilising operational data at all levels to achieve significant capability gains from inservice platforms, such as Al-enabled EW for the German Eurofighter.

Helsing's investment to address armed forces' most urgent capability requirements, across all domains, will ensure advanced AI has the biggest operational impact with the most rapid implementation.

https://helsing.ai



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If there is one fighter aircraft designed to meet the modern world, it is Gripen. Gripen is a unique fighter concept, bringing a perfect balance between excellent operational performance, high-tech solutions, cost-efficiency and industrial partnership into one, game changing fighter system. That's why we call it "The Game Changer".

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L3Harris has provided EW systems on F-16s for more than 30 years, with our existing systems protecting the fleets of many nations around the world. Several international air forces have already committed to Viper Shield based on its operational capability, advanced technology and affordability. This continues our 60-plus-year legacy of developing advanced EW technology to ensure superiority across the spectrum. Our EW solutions are deployed across all domains - land, sea, air, space - to defeat threats at every level of engagement.

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Leonardo is a global industrial group that creates multi-domain technological capabilities in the Aerospace, Defence and Security sector. With over 60,000 employees worldwide, the company has a significant industrial presence in Italy, UK, Poland and the US, and operates in 150 countries, A key player in major international strategic programs. Leonardo is a partner of governments, defence administrations, institutions, companies.

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Website: https://www.leonardo.com/en/home



Robin began four decades ago with an explicit mission to mitigate bird strikes with military jets. Today, our 3D radar systems sit at the cutting edge to empower teams with 360° awareness and early alerts of small flying hazards. Robin's MAX avian radar is designed to keep essential aircraft airworthy, scanning continuously to curb the risk of bird strikes. With a market-leading update rate of 1 second, it visualises bird activity in its intuitive interface, providing accurate height, speed, and even size. With it, airbases worldwide are enhancing safety and operational efficiency, backing strategic wildlife management policies with hard facts. But it's not only birds that could spell mission failure, and that's where our drone radars come in. Our 3D CUAS system, IRIS, combines powerful tracking and classification with easy deployment, seamless integration, and 360° coverage, even on the move.

www.robinradar.com

## **About Defence IQ**

Defence iQ

Established in 2001, Defence iQ has grown to become one of the world's largest defence events and media organisations. We are uniquely positioned to engage with and support the international defence community via our digital platform and global conferences, all of which are underpinned by rigorous research into global defence policy, acquisition strategy, capability development and military leadership.



## **MEDIA PARTNERS**



AeroTime is the leading aviation news outlet. We cover news, exclusive interviews & videos, events on topics ranging from airlines & airports to cargo, MRO, defense.

https://www.aerotime.aero/about-us



Artificial Intelligence & Machine Learning offers the best curated list of the best AI & ML events, conferences, summits, exhibitions, workshops, and trainings. https://aiml.events/

**AIPressRoom** 

Al Press Room is a trusted media platform committed to delivering concise, reliable, and unbiased insights into the world of artificial intelligence. Driven by innovation, integrity, and excellence, its mission is to help readers stay ahead in the fast-evolving Al landscape. All content is crafted by a team of professional journalists and editors to ensure accuracy, neutrality, and relevance. The platform prioritises its audience by offering time-efficient, clear reporting, while maintaining full transparency about its operations and a strong commitment to data privacy. Al Press Room's core values—innovation, excellence, and integrity—guide its approach to journalism and content delivery. Its main sections include in-depth interviews with Al leaders, comprehensive event coverage, press releases from industry players, and opinion pieces offering expert analysis on emerging trends and technologies.

https://aipressroom.com/



DefenseAdvancement.com (DA) is a defense marketing and supplier sourcing platform, showcasing supplier capabilities across aerospace, land, naval and security domains. Operated by the team behind UnmannedSystemsTechnology.com, DA connects governments, armed forces and the entire defense and security supply chain, giving suppliers an online platform to showcase their technologies and capabilities.

https://www.defenseadvancement.com/



A versatile, focussed, top-level, specialist publication, founded in 2002, from Mittler Report Verlag, Bonn, Germany. "European Security & Defence" (ESD) addresses an international readership in more than 100 countries with a distribution focus on Europe. ESD considers questions of international relevance at political/parliamentary, military, technological and industrial levels. The magazine is supported by renowned and expert authors from politics, the military, public administration acknowledged scientific institutions and independent specialist writers from around the world. Targeting some 15,000 print and up to 120,000 digital subscribers/licensees, through 11 editions annually, ESD reaches industrial, military and, uniquely, political decision-makers, budget-holders and specifiers.

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Defence Global is a specialist media and communications company providing an essential link between the Private, Public and Military sectors worldwide.

We are uniquely positioned to deliver stimulating unbiased, editorial within the defence, maritime security and training & simulation communities containing in-depth analysis and the latest news and developments.

We work with corporate clients, institutes, associations, national and local governments and public sector bodies across the UK, Europe, America and the rest of the world, as well as armed forces and defence and security manufacturers and suppliers worldwide, to attract a sophisticated audience.

http://barclaymedia.uk.com/



https://aviationweek.com/



Unmanned Systems Technology.com (UST) is dedicated to technology and innovation within unmanned systems. Our website and weekly e-newsletter provide up-to-the-minute information about technological developments in this sector - both military and commercial - to a global audience, with over 80,000 visitors from over 200 countries every month. Our comprehensive supplier profiles showcase products, services, and capabilities in the unmanned land, sea, and air vehicle industry.

https://www.unmannedsystemstechnology.com/



Times of AI is a comprehensive platform dedicated to the latest advancements in artificial intelligence. It offers news, insights, and trends across AI. The site serves as a resource for tech enthusiasts, business leaders, and anyone curious about Al's impact on the world.

timesofai.com



Soldier Modernisation (SoldierMod.Com) is an authoritative policy and technology publication for the international defense community, serving the integrated equipment needs of the dismounted soldier and marine in operations today and the fielding of Soldier Modernization Programs over the next few years. SoldierMod.Com is designed to provide insights into how decision makers plan to transform operations in the areas of survivability, sustainability, C4I, lethality and mobility; managing the balance between the promise of 'leap-ahead technology balance and mature cost effective solutions. SoldierMod.Com is a co-operative project involving key government and industry organizations, alliances and forums.

http://www.soldiermod.com/main/



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