Yahsat contracts Airbus for the construction of Al Yah 4 and Al Yah 5 satellites

Fully flexible, software-defined payloads will allow in-orbit reconfiguration of coverage area, capacity and communication frequencies. Contract includes two Airbus ARROW spacecraft platforms for future deployment in low Earth orbit

Al Yah Satellite Communications Company PJSC (Yahsat), the UAE's flagship satellite solutions provider announced today that it has contracted Airbus Defence and Space, a leading satellite manufacturer, for its new geostationary telecommunications satellites, Al Yah 4 ("AY4") and Al Yah 5 ("AY5").

The significant step follows the signing of an Authorisation-to-Proceed with Airbus in Q2 2023 to commence initial activities in relation to the AY4 and AY5 satellite programme.

Airbus will design and build the AY4 and AY5 satellites based on the Eurostar Neo platform, with each having flexible payloads and benefitting from the strong heritage of the Eurostar family. The flexible multi-band payloads can be fully reconfigured while in orbit, capable of adjusting the coverage area, capacity and frequency "on the fly" to meet evolving mission scenarios.

Both AY4 and AY5 satellites will offer secure governmental communications over a wide geographical area across the Middle East, Africa, Europe and Asia. The new advanced satellites will eventually replace Al Yah 1 and Al Yah 2, which were launched in 2011 and 2012, respectively, and based on a previous version of the Airbus-built Eurostar platform.

Alain Fauré, Head of Space Systems at Airbus, said: "Today marks a real milestone with Yahsat selecting our pioneering fully flexible satellite technology. Sixteen years ago, we signed our first contract with Yahsat, bringing the first sovereign telecommunications satellite to the UAE. And now, our long-standing relationship is moving up a gear with this contract for two Eurostar Neos, further strengthening Yahsat's in-orbit resources."

Ali Al Hashemi, Group Chief Executive Officer of Yahsat, commented: "We are delighted to sign this contract with Airbus as part of our continuous efforts to enhance our satellite communications capabilities with the next generation of satellites. This is a significant step in Yahsat's growth trajectory. The Al Yah 4 and Al Yah 5 satellites will enable us to provide the UAE Government with new cutting-edge solutions. Additionally, the two new LEO satellite platforms will support Yahsat's future direction of providing multi-orbit satellite solutions to its customers."

Airbus will design and manufacture both AY4 and AY5 satellites and will also provide ground control segment components. Both spacecraft will have a design life of 15 years and are planned to be launched in 2027 and 2028 respectively.

Airbus is currently developing the Thuraya 4 ("T4") satellite to serve both Yahsat's UAE government customer and Thuraya's customers. The T4 is also based on the Eurostar Neo platform and is due to be launched in the second half of 2024 and enter service in the second half of 2025.

The development of Airbus' Eurostar Neo platform and flexible payloads has been supported by the European Space Agency (ESA) and national space agencies across Europe.

Quelle:
Airbus Press Release 10 June 2024

Boeing Starliner Spacecraft Completes Successful Crewed Docking with International Space Station

- NASA astronauts Wilmore and Williams join seven other astronauts aboard ISS

- Wilmore and Williams completed a series of tests on the way to ISS including manually flying the Starliner

NASA astronauts Barry "Butch" Wilmore and Sunita "Suni" Williams successfully docked Boeing's [NYSE: BA] Starliner spacecraft to the International Space Station (ISS), about 26 hours after launching from Cape Canaveral Space Force Station. The astronauts monitored Starliner as it autonomously conducted a series of maneuvers to steadily bring the spacecraft closer to the orbiting laboratory before docking.

On the way to the ISS, the crew completed a series of tests including manually flying Starliner for the first time in space. The two Starliner astronauts, who are joining seven others currently living on the station, will assist with various tests and conduct scientific experiments while in space.

"It is both amazing and humbling to join the fleet of commercial spacecraft capable of conducting crewed transportation services to and from the space station for NASA. Our teams have done some great work to get us to this point," said Kay Sears, vice president and general manager of Space, Intelligence & Weapon Systems for Boeing Defense, Space & Security. After spending about a week on orbit, Wilmore and Williams will board Starliner and return home.

Quelle:
Boeing Press Release 06 June 2024

Katja Ziegler übernimmt alleinige Geschäftsführung der ESG

Katja Ziegler, Chief Financial Officer der ESG GmbH, übernimmt ab dem 01.06.2024 bis auf weiteres die alleinige Geschäftsführung der ESG Elektroniksystem- und Logistik-GmbH. Damit geht auch die übergangsweise Leitung der Division ESG in der HENSOLDT-Gruppe einher. Geschäftsführer Christoph Otten wird das Unternehmen auf eigenen Wunsch per Ende Mai verlassen, um sich neuen Aufgaben zuzuwenden.
„Wir bedauern die Entscheidung von Christoph Otten, da wir mit ihm eine wertvolle Führungskraft verlieren. Er hat die ESG in den vergangenen Jahren auf einen nachhaltigen Wachstumskurs geführt und die Übernahme durch HENSOLDT erfolgreich unterstützt. Im Namen des gesamten Vorstandes wünsche ich Herrn Otten für seine weitere berufliche Laufbahn alles Gute.“, sagte HENSOLDT-CEO Oliver Dörre. „Wir freuen uns, dass Katja Ziegler diese zusätzliche Verantwortung übernimmt. Katja hat in den vergangenen Monaten wichtige Impulse für die Integration der ESG in die HENSOLDT-Gruppe gegeben und wir freuen uns auf die Zusammenarbeit im Executive Committee.“, so Dörre weiter.

Der Sensor-Lösungsanbieter HENSOLDT hatte die Übernahme der ESG im April 2024 abgeschlossen. Durch die Kombination der sich hervorragend ergänzenden Fähigkeiten von

HENSOLDT und ESG wird das Unternehmen seine Position als führender europäischer Anbieter von nahtlos integrierten Lösungen weiter ausbauen.
Die 1967 gegründete ESG ist ein herstellerunabhängiger Systemintegrator und Technologie- sowie Innovationspartner für Verteidigung und öffentliche Sicherheit. Das Unternehmen entwickelt, integriert, betreut und betreibt hochkomplexe, sicherheitsrelevante Elektronik- und IT-Systeme in den Bereichen Verteidigung und Sicherheit. Die ESG hat sich als führendes deutsches Systemhaus etabliert und spielt eine entscheidende Rolle bei wichtigen aktuellen und zukünftigen Programmen wie FCAS (Future Combat Air System) und der F-35. Das Unternehmen beschäftigt circa 1.400 Mitarbeiter in Deutschland, den Niederlanden und den USA und erwirtschaftete 2023 einen Umsatz von rund 330 Mio. Euro

Quelle:
ESG Press Release 28 May 2024

CAE Board of Directors announces that nominees for 2024 Annual General Meeting will include Ian Edwards as a new Director candidate

The Board of Directors of CAE Inc. (CAE or the Company) today announced the nomination of Ian L. Edwards for election to the Board at CAE's Annual General Meeting (AGM) scheduled for August 14, 2024. Mr. Edwards is the President and Chief Executive Officer of the global professional services and project management company AtkinsRéalis Group Inc., formerly SNC-Lavalin.

The other nominees to CAE's Board consist of 12 current directors, five of whom joined the Board since 2022. More information about the current CAE Board is available on its website at this link and more details regarding all of CAE's nominees will be provided in a Management Proxy Circular that is scheduled to be filed and mailed to shareholders before the end of June.

"Ian's nomination further demonstrates the Board's continued commitment to renewal and our responsiveness to ongoing engagement with, and input from, shareholders," said Alan N. MacGibbon, Chair of CAE's Board of Directors. "The Board aims to ensure that its composition reflects the appropriate skills and experience necessary to effectively and proactively oversee the execution of CAE's strategy today and into the future. Ian brings executive leadership as well as proven strategic and operational expertise from more than three decades leading large global infrastructure projects and complex contractual arrangements that will be invaluable to the Board and our management team as we chart the path forward at CAE."

Andrew J. Stevens, a CAE independent director who has served since 2013, has advised the Board he will not stand for re-election at the upcoming AGM.

Mr. MacGibbon concluded, "I wish to extend a warm thank you to Andrew for his diligence and his significant contributions during 11 years as a director. The Board is grateful for his collaborative spirit and his strategic insights, which have helped to position CAE for continued success. We wish him all the best going forward."

Mr. Edwards has been President and CEO of AtkinsRéalis since 2019. He joined AtkinsRéalis in 2014 and led initiatives to simplify, focus, and grow the business while implementing measures to improve operational performance. He has over 30 years of global experience delivering on complex infrastructure and resource projects. He also serves as director on the

Board of the McGill University Health Centre Foundation and CSL Group Inc. He holds Higher and Ordinary Certificates in Civil Engineering from Lancashire University in the U.K. He is a Fellow from both the Institution of Civil Engineers and from the Hong Kong Institution of Engineers.

Quelle:
CAE Press Release 11 June 2024

C-130J Super Hercules Squadron Completes First Binational Aircrew Training
French and German aircrews make history at the Lockheed Martin-built training center in F

Aircrew members representing the French (Armée de l'Air) and German (Luftwaffe) air forces made history as the first-ever binational C-130J Super Hercules squadron to complete training together. The training took place at the France Germany Multinational Training Center (FGMTC), a facility built and equipped by Lockheed Martin (NYSE: LMT), in partnership with the French Direction générale de l'armement (DGA) and the German Federal Ministry of Defence.

"This training center reinforces Lockheed Martin's commitment to bolster allied defense," said Ray Piselli, vice president of international business development for Lockheed Martin. "Our goal is to ensure every pilot and maintainer is mission ready."

Lockheed Martin broke ground on the training center in 2021 as part of a direct commercial sale contract with France's DGA, which includes training devices, the learning management system, courseware and options for additional training services.

The squadron consists of a combined 10 Super Hercules aircraft built by Lockheed Martin, including six from Germany and four from France.France has received its two C-130J-30 airlifters and two KC-130J tankers, while Germany has received its three C-130J-30s and three KC-130Js. This is the first and only binational C-130J squadron in Hercules history.

Reinforcing Allied Defense

- While FGMTC training devices were built in the U.S. and shipped to France, building design and construction was sourced through Patriarche, a French contractor.
- The FGMTC will generate lasting economic growth, with all permanent onsite personnel being French or German citizens.
- In-country training allows France and Germany a faster, cost-effective way to qualify and sustain their C-130J aircrew and maintenance personnel, providing support for NATO missions.

A Legacy Continued

While the FGMTC contract is the first established business relationship between Lockheed Martin and France's DGA, Lockheed Martin has been the leading global provider of C-130J training for 28 years.

"Lockheed Martin has proven experience creating turnkey training facilities, as evidenced by the more than 1,000 aircrews and maintenance personnel who have trained at our Hercules Training Center," said Jonathon Wells, vice president of Air and Commercial Solutions for Lockheed Martin's Rotary and Mission Systems business area. "We understand the

requirements of developing a new workforce, the challenges of sustaining an existing workforce, and the training structure needed to support the mission."

Quelle:
Lockheed Martin Press Release 05 June 2024

Equipping Ukrainian helicopters with self-protection sensors

Armed forces receive customised AMPS self-protection solution to protect against the threat of missile fire

Sensor solutions provider HENSOLDT is once again equipping helicopters of the Ukrainian armed forces with state-of-the-art detection and self-protection sensors. The order includes further AMPS (Airborne Missile Protection System) self-protection solutions. The order value is in the double-digit million range. With this delivery, HENSOLDT is providing the Ukrainian armed forces with modern equipment required by current events. HENSOLDT delivered 16 AMPS self-protection solutions to the Ukrainian armed forces for the first time in June last year.

"With AMPS, we are increasing the defence capabilities of the Ukrainian helicopters," says Tanya Altmann, Head of the Optronics & Land Solutions Division at HENSOLDT. "By integrating this platform, which is new to us, we are protecting the crews from a wide range of threats, especially from surface-to-air and air-to-air missiles."

The Airborne Missile Protection System is a flexible, stand-alone self-protection solution for helicopters and aeroplanes. Thanks to its modular design, AMPS can be easily configured to meet specific operational requirements and for different mission profiles. AMPS components are the Missile Launch Detection Sensor (MILDS), an AMPS Control and Display Unit (ACDU) and the active confirmation system (MACS), which determines the distance and speed of detected missiles and eliminates false alarms. The Counter Measure Dispensing Systems (CMDS) already installed on the helicopters can continue to be operated with the current AMPS configuration.

A high percentage of aircraft losses in recent operational areas were caused by infrared surface-to-air missiles (IR SAMs). In addition, laser and radar threats are increasingly common in theatres of operations. To reliably detect these threats, AMPS can be configured with missile, laser and radar warning systems to ensure the best possible protection through rapid detection. HENSOLDT has already equipped more than 2,000 different flying platforms with AMPS.

Quelle:
HENSOLDT Press Release 05 June 2024

Deutsche Aircraft soars at ILA Berlin 2024

We have successfully participated in Europe's leading aerospace trade fair, ILA Berlin 2024. This five-day biennial event held in Berlin, Germany, was a valuable platform for us to showcase our dedication to innovation, sustainability, and collaboration.

On the first day, we announced the commencement of construction of our Final Assembly Line at Leipzig/Halle Airport. Our Chief Operating Officer, Nico Neumann, met with the State Secretary of the Saxon State Ministry for Economics, Labour and Transport, Thomas Kralinski, to discuss the progress of this significant project. This development marks a crucial milestone for us as it expands our manufacturing capabilities.

We were also an active participant at the ILA Stage Aviation Future Lab, where Regina Pouzolz, our Director of Sustainability, moderated a special international panel. The discussion focused on the potential of establishing a climate-neutral regional aviation ecosystem in Northern Norway, with an emphasis on the region's abundant, low-cost renewable energy and our commitment to sustainable practices.

On the second day of the event, the D328 UpLift aircraft, a project funded by the Federal Ministry of Transport and Climate Action (BMWK), was showcased at the DLR booth. This aircraft, part of the LuFo Klima aviation research programme, serves as an open platform for the industry, including SMEs, start-ups, and research institutions, to explore climate-friendly flight solutions.

On the third day of ILA Berlin, we also invited aerospace professionals and aspiring graduates to visit our booth at the ILA Talent Hub. Attendees had the opportunity to learn more about the vision, current projects, and exciting career prospects at our company.

Our presence at ILA Berlin 2024 underscores our unwavering commitment to driving innovation, sustainability, and collaboration within the aerospace industry. From our new Final Assembly Line and strong connection to regional aviation clusters, to our active participation in climate-neutral aviation initiatives, we are poised to shape the future of regional aviation.

Quelle:
Deutsche Aircraft Press Release 10 June 2024

EmbryRiddle OFFERS
HIGH-QUALITY EDUCATION TO GERMAN MILITARY MEMBERS

START YOUR ACADEMIC JOURNEY ANYWHERE, ANYTIME

WHY EmbryRiddle?

EmbryRiddle Europe has a long history of working with transitioning members of the German military who are supported by the Berufsförderungsdienst der Bundeswehr to pursue an academic degree.

Our full range of online bachelor’s and master’s programs is available to current and departing soldiers as they prepare for a civilian profession, with curriculums designed to fit busy lifestyles.

As a distance learning pioneer, EmbryRiddle allows students to build their academic schedules around work, life, and family, letting them access their courses from anywhere in the world.

In addition, our Europe Campus location in the House of Logistics and Mobility, within walking distance of Germany’s Frankfurt International Airport, provides the opportunity to

build vital practical experience and strong professional networks through our close links with nearby aviation and aerospace companies.

Quelle:
Embry Riddle

Herzlich willkommen auf dem Flugplatz Schönhagen

In der LFZ-Kategorie bis vierzehn Tonnen (MTOM) entwickelt sich Schönhagen zu dem zum wichtigsten Entlastungsflugplatz für den neuen Hauptstadt-Airport Berlin Brandenburg (BER). Zur Zeit sind 34 Unternehmen und fünf Vereine direkt auf dem Flugplatzgelände angesiedelt. 39 weitere Unternehmen mit Sitz in Berlin und Brandenburg haben ihre Luftfahrzeuge in Schönhagen stationiert und wickeln von dort ihren Flugbetrieb ab. 180 Flugzeuge sind derzeit in den Hallen Schönhagens untergebracht.

Fliegen vor den Toren Berlins – im Herzen Europas

Die attraktive Lage am Rande der wachstumsstarken Wirtschaftsregion, südlich von Berlin, zwischen Potsdam und dem Schönefelder Kreuz, verleiht dem Standort Schönhagen zusätzliche Impulse, die durch den Bau des Internationalen Großflughafens BER auch in Zukunft genährt werden. Über die ständig im Ausbau befindlichen Autobahnen, Bundesstraßen und die Regionalbahn ist der Flugplatz ausgezeichnet erreichbar. Schönhagen ist jedoch nicht nur ein Flugplatz, Schönhagen ist auch ein kompetenter Partner für Unternehmensansiedlungen, Forschung, Tagungen, Events und innovative Technologien.

Natur und Luftfahrttechnik im Einklang

Der Flugplatz ist eingebettet in die Wald-, Heide- und Seenlandschaft des Naturparks Nuthe-Nieplitz. Die langjährige Kooperation mit der Naturparkverwaltung zeigt, dass Natur und Technik keine Gegensätze sein müssen, sondern sich im Einklang entwickeln können.

Als größter Verkehrslandeplatz der neuen Bundesländer sind wir ein starker Partner für die Luftfahrt und mit unserem wachsenden Technologiepark ein hervorragender Standort für innovative Unternehmen. Bei uns finden Sie Flugzeug- und Helikopterwerften, Avionikspezialisten und Flugzeugbauer, Flugschulen und Charterunternehmen, Fliegervereine und Gastronomie. In Schönhagen können Sie Ihr Flugzeug unterstellen, ein Unternehmen gründen oder einen Hangar für eine Veranstaltung mieten. Mehr Informationen darüber, was der Flugplatz Schönhagen und seine Unternehmen für Sie tun können, finden Sie auf den folgenden Seiten.

Quelle:
Flugplatz Schönhagen

IAI – Where Courage Meets Technology

In a fast-evolving world, where adversaries constantly challenge national defense, you need experienced and skillful allies to rely on. A trusted partner, courageous and innovative to deliver the capabilities you need and afford. That's IAI – Where Courage Meets Technology.

A leader in defense, aerospace, and commercial markets, IAI leverages state-of-the-art technology and decades of combat-proven experience delivering solutions to your national defense and security challenges.

Delivering large turnkey projects, IAI acts as a prime contractor, subcontractor, and team members in dozens of large programs for the aerospace, land, sea, and cyber domains and multi-domain applications.

We offer a vast portfolio producing air and missile defense, unmanned aerial systems (UAS), ground robotics, precision-guided weapons, and loitering munitions. We deliver special-mission aircraft, modernize military aircraft and helicopters, and convert passenger jets into cargo aircraft through modification, conversion, and system integration. Our technology expertise features systems and solutions from reconnaissance satellites and radars to all aspects of command, control, and communications, computing and cyber, intelligence, surveillance, and reconnaissance systems (C5ISR).

Four Groups – A Wealth of Solutions

ELTA Systems

IAI's radar, intelligence, and electronic systems house, ELTA Systems offers a broad range of electronic systems-of-systems for air and space, land, naval, and homeland security applications. These capabilities are based on the solutions developed for C5ISR (ISTAR), Early Warning & Control (AEW&C), Electronic Surveillance (SIGINT/ELINT/COMINT) and countermeasures (C-UAS), Fire Control, Self-Protection, and Self-Defense, with specific specialization in AI, Cyber, and robotics.

Systems Missiles & Space

All activities related to missile systems run under the Systems, Missiles, and Space Group. These activities include air and missile defense systems, offensive and defensive naval systems, surface-to-surface missiles, and loitering munitions. The group also oversees IAI's space operations, including the initiation, design, development, delivering, and operations of dozens of observation and communication satellite systems, associated ground control stations, mission centers, and launchers.

Military Aircraft

Backed by decades of innovation and combat-proven experience with unmanned aerial systems (UAS), as a pioneer and world leading provider of unmanned aerial systems. IAI's Military Aircraft Group combines state-of-the-art technology and knowhow with hands-on field experience, offering innovative UAS solutions for land-based, aerial and the maritime domains, brand names that have earned worldwide reputation for excellence and reliability. Some of the group’s legacy activities are currently managed under the Aviation Group and Golan Industries.

Aviation

The Aviation Group covers the full spectrum of technologies and capabilities for the design, integration, testing, certification, manufacturing, marketing, and product support of manned and unmanned aircraft – from business jets to the conversion of passenger jets, cargo planes, aerostructure assemblies, and parts. The group also provides comprehensive maintenance services (MRO Services) for aircraft, engines, and components - including heavy

maintenance, modifications, upgrades, conversions, and development programs, all with minimal downtime.

This plethora relies on proprietary know-how, technologies, systems, and components developed throughout IAI's four business groups. Our industry expert teams work in synergy with IAI's excellence center for aerospace engineering, providing the full range of capabilities to design, develop, and certify new air vehicles. They provide engineering, upgrade, and conversion services to aircraft types - manned or unmanned, military, and commercial planes.

IAI Groups are working in full collaboration to provide you with the most comprehensive solutions for all domains.

Quelle:
IAI