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Aviation industry leaders & fuel producers support SAF in France



The French Government has presented its interest for the sustainable aviation fuel (SAF) which set forth the conclusions of a working group which included government agencies and industrial partners, all of whom signed the Green Deal in December 2017.

The aviation industry leaders like Airbus, Air France & Safran welcomed the news and joined forces with fuel producers Suez and Total, to acknowledge the

introduction of a new Call for Expression of Interest (CEI).

This CEI is an important first step towards the emergence of a sustainable aviation fuel industry in France. It will permit investment projects in second-generation sustainable aviation fuel production units in France to be identified, as well as supportive measures and incentives in favour of such investments.

For the past 18 months, industrial

entities have been mobilised and are working alongside the government to promote the emergence of a sustainable aviation fuel industry in France. The initiative created the first innovative partnership between public and private players in the industry. It sets forth the conditions for developing lasting industries in France in the following set of recommendations:

- Mobilise the necessary volume of raw materials for the aviation sector,
- Ensure that sustainable resources, especially sustainable resources sourced from the circular economy, are used to produce advanced sustainable aviation fuel,
- Ensure that the industry is economically viable for all actors in the value chain through appropriate incentive schemes,
- Use existing airport logistics distribution networks,
- Support and promote production diversification.

With the expansion in the use of sustainable aviation fuel, the net CO₂ emissions will be reduced from air transport over a full lifecycle by up to 80 per cent before blend.



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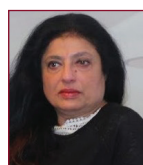
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Toyota, Joby Aviation fly to new heights together

Toyota has collaborated with Joby Aviation (Joby) to explore a new flight path for mobility. Joby Aviation is known for developing and commercialising all-electric vertical take-off and landing (eVTOL) aircraft to enable the deployment of fast, quiet and affordable air transportation services.

The partnership shows Toyota's recognition of the long-term potential of the urban air mobility market to meet the evolving needs of society, as well as Joby's position in working to deliver safe and affordable air travel to everyone.

By being the lead investor in Joby's \$590M Series C financing, Toyota is continuing to leverage emerging technologies to provide "Mobility for All."

Toyota has invested \$394M in Joby and will share its expertise in manufacturing, quality and cost controls for the development and production of Joby Aviation's breakthrough eVTOL aircraft.

Joby's design is well matched to aid the needs of a new air transportation market where commuters and travelers embrace the benefits of aviation on a daily basis within and between urban centers. More details of the prototype aircraft and production plans will be announced at a later date.

Joby Aviation founder and CEO Joe Ben Bevirt said: "This collaboration with Toyota represents an unprecedented commitment of money and resources for us, and for this new industry, from one of the world's leading automakers. Toyota is known globally for the quality and reliability of their products driven by meticulous attention to detail and manufacturing processes. I am excited to harness Toyota's engineering and manufacturing prowess to drive us toward our dream of helping a billion people save an hour commuting time every day."

Shigeki Tomoyama the Executive Vice President of Toyota Motor Corporation will join Joby's board of directors and play an active role in setting strategic direction at the Board level.

Kuehne + Nagel to accelerate development in Asia Pacific

Kuehne Nagel have set path to accelerate the growth in Asia Pacific. The company has decided to concentrate strengths and to combine its so far two Asian organisations into one strong region to target an even stronger role in logistics all over Asia.

10,000 professionals will be headquartered in Singapore, the new Asia Pacific region with immediate effect.

The two regional managers Jens Drewes and Siew Loong Wong will jointly lead the ambitious development of Kuehne Nagel in Asia Pacific.

Joerg Wolle, Chairman of the Board of Directors Kuehne Nagel International AG, "Kuehne Nagel has shown great success all over Asia Pacific in the recent years and built up an already strong position in this remarkable region of the world. We strongly believe that Asia Pacific will be the driver of the global economic development in the years to come. The joint leadership of the region by two proven executives will prepare the ground for a new dimension of organic and inorganic growth of our networks to even better serve our customers."

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An Overview

MRO South Asia 2020 - An Overview

About the Summit

The 3rd Aerospace and Defence South Asia Summit will be held on the 6th & 7th February 2020 in the Taj Mahal Hotel, New Delhi. There will be panel discussions, debates, presentations, networking, sharing of knowledge and technology with the creme de la creme of the aerospace industry present under one roof. Meet the people who will be debating on the Aerospace MRO market forecast of South Asian markets.

Come & Listen to the people who matter !

The MRO industry in India is already on an overdrive, and now with the government jumping in to make India a hub of maintenance repair and overhaul (MRO) activities and adopt suitable policy interventions to create a congenial atmosphere for the development of MRO in the country. This is the platform to explore the Aerospace MRO market in India.

Today, everyone is aware of the situation around the globe, we hear and see things like Innovations in the Air on one hand while inflight security software failing and claiming hundreds of lives on the other hand. There are engines catching fire mid-air, landing gear failures and mid-flight turbulence leading to injuries and even deaths.

Has the time come to make machines that don't fail? The answer is undoubtedly yes. The time is ripe to make our skies safe and our machines safer. With this in view this year we have come forward with the theme MRO for safer skies.

We also have a delegation of high ranking defence official speaking on the Defence MRO opportunities in India.

So, let's all come together, as stakeholders of safer skies & help close gaps and strengthen the bonds of aerospace MRO fraternity across the globe.

About the Summit - Defence MRO in India

India has ambitious plans to be among the top nations of the world in terms of defence & aerospace by bringing the latest technology in defence into action. This can be done / achieved by encouraging defence firms to create sound Defence Manufacturing units and Maintenance, Repair and Overhaul (MRO) ecosystem in the country.

India is poised to become a large defence aircraft market. As military expenditures increase, the necessity for military MRO capabilities will increase. Some of the



6-7 FEBRUARY, 2020

The Taj Mahal Hotel, New Delhi, India

abroad global key players and prominent vendors in the Indian Military MRO market are BAE Systems, Boeing, Airbus, General Dynamics, Lockheed Martin, Huntington Ingalls Industries, Northrop Grumman, Raytheon, Rockwell Collins, Saab, URS Corporation, and Elbit Systems, etc.

This would also create opportunities for consultancy services for those who have adorned positions in the higher echelons in the defence sector.

Considering the other perspective the capital expenditure earmarked towards the aircraft / helicopters for the Indian Air Force / Indian Navy / Indian Army / Indian Coast Guard and Paramilitary has been on an upward surge since last five years and will be witnessing substantial growth in coming years owing to the present depleting and ageing fleet.

On the other hand, air crashes, failures and low serviceability continue to be the concern of the Defence Forces. The crash rates remain unacceptably high. Are pilots being forced to fly obsolete ma-

chines in absence of newer variations? Is availability of spares a problem? Are the aircraft poorly maintained, repaired and overhauled because of infrastructure deficiency? All these and many other pertinent core questions need to be answered to make our skies safer.

The Hon Finance Minister of India in her budget speech for 2019-20 has made categorical statements and allocations for MRO, Leasing and making India an aviation hub. The Hon Aviation Minister in his public speeches have time and again emphasized on aviation safety and the same issues highlighted by the Finance Minister.

Referring to the 'Make in India' policy of the Government, Shri. Shripad Naik, the Hon'ble Minister of State for Defence, says in his Message for the event, "this has thrown open new opportunities for the MROs as they can provide their services directly to the Defence sector or get into a joint venture with the existing defence players in India"

There is an urgent need for all stakeholders to work together to make India's sky safer! Going ahead on this path, STAT Times have designed the summit 2020 around MRO for Safer Skies as the theme !

MRO South Asia Summit witnesses the presence of the elite of Defence Aerospace-clan under one roof, which in turn provides a platform to discuss the opportunities, especially in the context of the 'Make in India' policy of the Government of India, in the Defence Aerospace MRO industry.

Last year event organised by STAT Times, witnessed the presence of Air Marshal J.K. Singh, AVSM, VSM, the Director General (Systems) of the Indian Air Force (IAF) along with a large team of Senior Officers from the IAF. At the inaugural speech, he spoke about the tremendous scope of MRO in Defence in India. This year too, there will be senior Officers from the Ministry of Defence, Ministry of Defence Production, Civil Aviation, Indian Army, Navy and Air Force along with the Coast Guard, CAPF & Navratna PSUs (HAL & BEL) to deliberate on scope and issues pertaining to MRO and Flying Safety.

Bae Systems, Renishaw sign agreement to develop 3D printing capability for the defence & aerospace sector



Bae Systems has signed an agreement with Renishaw to develop additive manufacturing capability for the defence and aerospace sector. It will be designed to help improve performance, reduce costs and speed up manufacturing processes on combat aircraft of the future.

The Memorandum of Understanding (MoU) signed between both the companies lay the framework to bring together world-leading expertise in additive manufacturing (AM, also known as 3D printing) to maximise the application of this novel emerging manufacturing technique. The agreement also gives a chance for joint research and development.

The MoU was signed by Andy Schofield, the Manufacturing & Materials Strategy & Technology Director for BAE Systems and Will Lee, Chief Executive, Renishaw, during a visit to our manufacturing facilities in Samlesbury, Lancashire.

The site has several Renishaw advanced AM machines which form part of a 1,000 square metre dedicated New Product Development & Process Development Centre (NPPDC), where the latest developing technologies and processes such as AM and Virtual Reality are explored and tested for application into aircraft design and manufacture. With a particular focus on additive manufacturing, investments into technologies like those offered by Renishaw help

to ensure that the company remains at the cutting edge of aerospace manufacturing, exploiting the latest technologies and processes to continually improve its advanced manufacturing capabilities.

Andy Schofield said, "Additive manufacturing has and will continue to deliver significant benefits to our sector. Renishaw is a world leader in additive manufacturing and we have been impressed with the quality of parts produced on its machines. This agreement allows us to create a more open and collaborative environment to share ideas and knowledge. In an environment of fast developing technology and challenged budgets, collaboration and innovation are absolutely essential in order to retain cutting edge capability. I'm really excited by the potential this partnership has to help us deliver that."

Will Lee said, "We have a great relationship already with BAE Systems, developed over many years through the application of our metrology products and have more recently worked with them on evaluating and understanding the performance envelope of our AM systems. We are delighted that they have been impressed with our systems, and this, together with our vision for AM development, has led to the strengthening of our collaboration. We look forward to the exciting opportunities that this strategic collaboration presents to further develop AM technologies for demanding aerospace production applications."

AeroControlex selects AAR as exclusive global distributor for APU lube pump products



AAR and AeroControlex have signed a multiyear agreement under which AAR will be exclusively stocking and selling auxiliary power unit (APU) lube pumps and all related piece-part components worldwide.

"AeroControlex is proud to announce the distribution partnership with AAR for the pumps product line," said Tim O'Keefe, AeroControlex Business Manager for the Pumps Business Unit. "As the OEM, our goal is to provide high-quality pumps and components to our customers around the world. Our partnership with AAR helps ensure that we continue to provide the customised programmes and best-in-class service in the aftermarket to deliver the highest value to our customers and help them succeed."

"This is a meaningful growth opportunity for our business serving as a value-added extension of an original equipment manufacturer," said Darren Spiegel, AAR Vice President and General Manager of OEM Solutions - Commercial. "We are honored that AeroControlex has chosen us for this important partnership and will be highly focused on ensuring that airlines and MROs worldwide have ready access to AeroControlex pumps and related parts to minimise downtime and maximise operational efficiency."

Show Preview

About the Singapore Airshow 2020:

- One of Asia's largest and most influential international aerospace and defence exhibitions for stakeholders to forge strategic alliances and collaborate for change to shape the future of the global aviation industry.
- The upcoming 7th edition is expecting to welcome over 1,000 participating companies from more than 50 countries, and over 55,000 trade visitors from some 150 countries, from 11-16 February, at the Changi Exhibition Centre.



With Asia as the fastest growth region, the prospects for air travel in this region remains extremely promising. This rising appetite is estimated to result in a demand for 17,000 new airplane deliveries (40% of global new deliveries) and services valued at US\$3.4 trillion over the next 20 years.¹

This cements Singapore Airshow's continued importance as the gateway to Asia markets as the premier platform

which has not only facilitated the participation of many enthusiastic VIP delegations and key industry players over the years, but also created networking and partnership opportunities in Asia's aerospace and defence ecosystem.

Mr Leck Chet Lam, managing director of Experia Events commented: "As the premier exhibition platform in Asia for aerospace and defence, the Singapore Airshow promises to soar to even greater

heights in the coming 2020 edition. Aside from curating expert views and essential conversations in the aviation industry today, the event will also be a cornerstone where audiences can converge ideas, create exciting new businesses opportunities, and connect through strategic partnerships. We look forward to welcoming all our visitors from across the globe in 2020 for an exciting line up of programmes, technological innovations, as well as business forums that will pave potential inroads into Asia's immense growth opportunities."

Trailblazing the technological sensations of tomorrow

At Singapore Airshow 2020, technology and innovation take centre stage. Key industry players are looking ahead to embrace technology disruptors, showcasing a range of electric, hybrid, unmanned and artificial intelligence technologies.

Business Forums will tackle Next Generation MRO in a digital world and the effects of new OEM business models on suppliers and manufacturers, while What's Next@Singapore Airshow, now in its second iteration, is the platform for start-ups to take their businesses to the



next level, connecting them with their potential customers and product end-users.

This edition, the inaugural Innovation Forum will feature inspiring and provocative talks by technology leaders and innovators who will discuss breakthrough innovations and leading edge concepts in aviation that are shaping the future of flight and mobility.

Developing the talent pipeline

Singapore Airshow 2020 seeks to support the next generation of aviation talent through programmes such as Aero Campus and the inaugural Astronaut Al Worden Endeavour Space Camp Challenge 2020.

These are designed to encourage more young innovators to come to know the astronomical potential of the aviation industry, be inspired by pioneers such as Al-fred Worden to take up interests in science, technology, engineering and mathematics (STEM), and bring to life the future of flight.

In 2020, the Airshow's Education Day will host students to talks and experiential visits, and present exhibits to provide them with insights to careers in the aerospace, aviation and defence sectors.

Driving the sustainability agenda

Everywhere across the world, climate change is a grave reality that confronts everyone. Industries, including aviation, are mindful of the environmental impact of their businesses. At Singapore Airshow 2020, exhibitors are leading the charge on incorporating environmentally friendly technologies into their products and services, whether through the use of electric or hybrid engines, or through streamlining their manufacturing processes to reduce the resource input required.

Similarly, the Singapore Airshow 2020 is thrilled to announce that the upcoming event will be held under a fully solar-panelled roof, for the first time ever in its history. Comprising over 15,000 solar

panels, the system is one of the largest rooftop solar facilities in Singapore, with a total capacity of 6.3 megawatts at its peak. It is expected to produce over 7,840 megawatt hours of power annually, which is enough renewable energy to power more than 1,750 four-room apartments in Singapore for a year.

The Singapore Airshow is especially proud to do its part to reduce the carbon footprint and looks forward to continued partnership and support to combat climate change at this upcoming, and future, editions of the event.

The Singapore Airshow is proudly supported by the following organisations: Civil Aviation Authority of Singapore, Defence Science and Technology Agency, Economic Development Board, International Air Transport Association, Ministry of Transport, Republic of Singapore Airforce, Singapore Exhibition and Convention Bureau. Stay tuned for updates at www.singaporeairshow.com.



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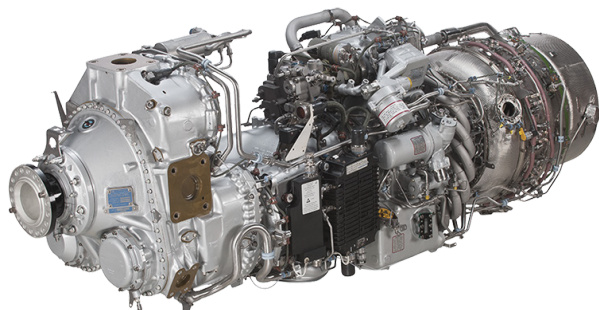
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StandardAero's Summerside Canada MRO Facility inducted over 1,000 engines for overhaul during 2019, setting new record

Photo: www.pwcc.ca



StandardAero's engine overhaul facility in Summerside, Prince Edward Island, Canada finished 2019 on a high, inducting over 1,000 Pratt & Whitney PW100, PT6A and JT15D engines during the course of the year. This record figure was achieved following the recent expansion to the facility, StandardAero's commercial turboprop engine MRO Center of Excellence, which saw the site expand its shop floor area to over 226,000 sq. ft of leased space. The facility, located at the Summerside airport in Slemon Park, also grew its workforce to about 500 employees as a result of the recent expansion.

The 1,000th engine to be inducted was a PW121 for long-standing regional airline customer Air Creebec, in support of the airline's fleet of de Havilland Canada Dash 8 turboprop aircraft. Air Creebec is based in Val-d'Or, Quebec, and operates regularly scheduled flights, charter and freight services to 16 destinations in Quebec and Ontario.

Jeff Poirier, VP/GM of the Summerside facility, said, "This record total of 1,000 engine inductions during 2019 is a testament to the dedication and customer focus of our Summerside team, which has stepped up to meet every challenge asked of it this year. The team has justified the recent additional investment made by StandardAero into the site, and continues to provide unrivaled customer service to our customers."

Poirier continued, "It is especially fitting that the 1,000th engine to be inducted was for Air Creebec, as a tribute to Paul Hagen, our Regional Sales Manager for Eastern Canada, who sadly passed away last month. Paul was a good friend to many of us, colleagues and customers alike, and a sterling employee, and we send our sincerest condolences to his family at this time."

StandardAero supports the global PW100 operator community as a Pratt & Whitney Canada Designated Overhaul Facility (DOF) from locations in Summerside, PE, Canada, Gonesse, France and the PW150A operator community from Seletar, Singapore, supported by seven service center locations across the Americas, Europe, Africa and Asia. StandardAero is also a PT6A DOF with distribution rights on certain engine models, supporting customers from four DOFs located in North America, Europe, Africa and Australasia, backed up by a global network of seven service centers and over twenty dedicated mobile repair technicians. StandardAero's Summerside location is also a DOF for the JT15D business jet engine, which is supported by four service center locations worldwide.

With more than 25 years of reliable turboprop experience, StandardAero provides operators with a nose-to-tail suite of services, including repair capabilities, engine exchanges, rentals and Engine Condition Trend Monitoring (ECTM) analysis.

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Etihad Aviation Training receives approval from EASA to train Boeing 777 & 787 pilots



Etihad Aviation Training has become the first aviation company in the Middle East to receive the approval from the European Aviation Safety Agency (EASA) to train Boeing 777 and 787 pilots for European operators and carriers elsewhere which adopt Europe's air safety standards.

As the company has received the approval to train pilots for these two wide-bodied Boeing aircraft types, it has now

expanded their global capabilities. In 2018, Etihad Aviation Training became the first Middle Eastern aerospace business to gain EASA designation as an Approved Training Organisation for pilots of Airbus A320, A330 and A340 aircraft.

"Some operators have insufficient capacity to conduct training in their own facilities while others do not have in-house capabilities," said Captain La Cava,

Vice President and Managing Director of Etihad Aviation Training. "In addition to training pilots for Etihad Airways, Etihad Aviation Training also supports the requirements of many other operators for a range of aircraft types.

Etihad Aviation Training has 11 full motion training simulators, including five for Boeing 777 and 787 training, as well as fixed base devices, and training teams consists of senior pilots actively flying for Etihad Airways.

"The EASA designation as an Approved Training Organisation for the Boeing 777 and 787 significantly broadens the markets in which Etihad Aviation Training can offer services, enabling the business to support operators in Europe and elsewhere, particularly in the fast-growing Asia region where EASA standards have been adopted," said Captain La Cava.

"This approval also strengthens the credentials of Abu Dhabi as an aviation centre of excellence for aircrew training and other services including maintenance and engineering."

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MQ-4C Triton deployed in the Pacific region for the first time



MQ-4C Triton, the unmanned aircraft system of Northrop Grumman Corporation was deployed for the first time to provide military commanders in the Pacific greater maritime intelligence, surveillance and reconnaissance

(ISR) data to inform critical decision-making in one of the most strategically important regions in the world.

"This is a significant milestone in the MQ-4C Triton program," said Doug Shaffer, vice president and program

manager, Triton program, Northrop Grumman. "Our partnership with the US Navy has been crucial in developing this system that will help commanders build a better common operational picture."

The US Navy's newest and most technologically advanced ISR platform, Triton's autonomous suite of maritime sensors permits operators to detect, track, classify and identify vessels on the ocean or in the littorals in some of the world's busiest shipping lanes.

Triton's can fly at high altitude and stay airborne in excess of 24 hours permit commanders to surveil a larger maritime area than ever before. Designed to operate in a manned-unmanned teaming concept, Triton offers an unblinking eye over massive swaths of ocean and littoral areas, enabling manned aircraft such as the US Navy's P-8 Poseidon to focus on anti-surface and anti-sub-surface warfare.

Boeing, US Navy complete first Super Hornet IRST Block II flight

Boeing and the US Navy flew an F/A-18 Super Hornet which is equipped with an Infrared Search & Track (IRST) Block II pod in late 2019. IRST Block II is an important component of the Block III Super Hornet. The Block III conversion will comprise of enhanced network capability, longer range with conformal fuel tanks, an advanced cockpit system, signature improvements and an enhanced communication system. The updates are expected to keep the F/A-18 in active service for decades to come.

IRST is a passive, long-range sensor incorporating infrared and other sensor technologies for highly accurate targeting.

"The IRST Block II gives the F/A-18 improved optics and processing power, significantly improving pilot situational awareness of the entire battle space," said Jennifer Tebo, Boeing Director of F/A-18 Development.

Presently in the risk reduction phase of development, IRST Block II flights on the Super Hornet permit Boeing and the Navy to collect valuable data on the system before deployment to the fleet. The Block II variant will be delivered to the Navy in 2021, reaching Initial Operational Capability shortly thereafter.

"The IRST Block II sensor gives Navy fighters extended range and increasing survivability. This technology will help the Navy maintain its advantage over potential adversaries for many years," said Kenen Nelson, Lockheed Martin Director of Fixed Wing Programs, supplier of the IRST sensor.

Bell, Boeing CMV-22B Osprey successfully completes maiden flight



Boeing and Bell Textron's first CMV-22B Osprey has completed its maiden flight operations at Bell's Amarillo Assembly Center.

The CMV-22B will be joining the MV-22 and CV-22; which is used by the US Marine Corps and US Air Force. The CMV-22B is the latest variant of the tiltrotor fleet.

The US Navy will replace the C-2A Greyhound with CMV-22B for transporting personnel, mail, supplies and high-priority cargo from shore bases to aircraft carriers at sea.

Bell Boeing specifically designed the Navy variant for carrier fleet operations by providing increased fuel capacity for the extended range requirement. The mission flexibility of the Osprey will increase operational capabilities and readiness, in addition to ferrying major components of the F-35 engine.

"With the ability to travel up to 1,150 nautical miles, the CMV-22B will be a lifeline for our servicemen and women out at sea," said Kristin Houston, vice president, Boeing Tiltrotor Programs and Director, Bell Boeing V-22 Program. "The quality and safety built into this aircraft will revolutionise the way the US Navy fulfils its critical carrier onboard delivery mission."

Elbit Systems successfully demonstrates high-altitude high-precision aerial firefighting solution



Elbit Systems has successfully demonstrated its patented Hydrop system, an innovative solution enabling high-altitude high-precision aerial firefighting.

The field demonstration had taken place as part of an exercise led by the Israel Fire and Rescue Authority. At the time of the exercise two Air Tractor aircraft from the Israeli Fire Fighting Squadron were told to extinguish a burning field, from as high as 500 ft.,

more than four times higher than the average altitude of a standard aerial firefighting sortie. By making the use of the HyDrop system each aircraft launched 1.6-tons of 140-gram liquid pellets in a computed ballistic trajectory, attaining a precise hit with saturation of 1-2 liter per 1 square meter.

Aerial firefighting has been performed by using liquid cascade drop methods since 1953 that need sorties to be conducted at an altitude of a 100-120

ft. in order to reduce liquid loss caused by the aerosol effect. Such low-altitude flights can only be done at the daytime due to safety concerns and Civil Aviation regulations. The experience from around the world clearly shows that restricting aerial firefighting to daytime severely degrades its operational contribution. Addressing this needs gap, Elbit Systems developed the Hydrop system that allows a high-precision computed launch of bio-degradable liquid pellets from 500-2,000 ft., altitudes that are safe and certified for night-flight by Civil Aviation.

The Hydrop system consists of a pellets manufacturing machine (static or mobile). It is kept in a standard 20'-container, the manufacturing machine can make up to 10 tons of pellets per hour. The biodegradable pellets can be filled with either water, foam or fire retardant, have been proved to have no harmful residues and their dropping has also been tested and found to be safe to crews on the ground.

Harbour Industries cables approved for use on F-35



Harbour Industries LLC (Harbour) has become an approved manufacturer for a number of low-loss coax and high-speed data cables used on Lockheed Martin's F-35 Lightning II 5th generation fighter aircraft.

Robert Canny, President said, "We look forward to supporting the 2020 F-35 Sustainment Contract just released by the Pentagon and Lockheed Martin. Harbour has a long reputation of providing timely products to our business partners to support their ramp to full production."

The data and coaxial cables manufactured by Harbour were chosen based on the use of a composite fluoropolymer insulation ensuring light-weight and high-speed transmission. Harbour is a supplier that has product and process engineering expertise that guarantees the highest quality cables will be manufactured in exact accordance with Lockheed's demanding physical and electrical requirements.

BAE Systems receives a prime position on a five-year IDIQ contract

BAE Systems has received a prime position on a five-year by the US Navy. The \$34.9 million indefinite delivery/indefinite quantity (IDIQ) contract will provide life cycle sustainment and technical support for the Naval Air Warfare Center Aircraft Division's (NAWCAD) Special Communications Mission Solutions Division. BAE Systems obtained the contract through the Naval Air Warfare Center Aircraft Division Contracting Office.

"For more than 40 years, BAE Systems has been the contractor of choice for life cycle sustainment and technical support for NAWCAD's Special Communications Mission Solutions Division," said Mark Keeler, vice president and general manager of BAE Systems' Integrated Defense Solutions business. "As a leading systems integrator, we understand the need for quick reaction field support to ensure our military customers are mission ready and maintain a tactical edge."

According to the contract, BAE Systems will support and sustain variety of C5ISR systems embedded within vehicles, watercraft, and specialised communications platforms in the NAWCAD inventory. The company's C5ISR efforts will consist of maintaining and upgrading command, control, communications, computers, cyber, intelligence, surveillance, and reconnaissance systems, integrated and networked to improve the situational awareness of military operators and decision makers. Work on this programme will be carried out in forward deployed mission locations include Central Command (CENTCOM) and Africa Command (AFRICOM) Areas of Responsibility (AOR).

Laurence Petiard appointed as Head of External Communications at Airbus Helicopters

Airbus Helicopters has appointed Laurence Petiard as the Head of External Communications. Laurence will be responsible for coordinating Airbus Helicopters' media relations, web, and social media activities in her new role.

Laurence has been working for Airbus Helicopters since 2005 in various project management roles which included four and half years with the H160 programme team.

From last five years Laurence has been working in the Airbus Helicopters media relations department, where she was responsible for external communications for a variety of civil and military helicopter programmes, while also acting as the main contact for French media, amongst others.



Universal Avionics appoints Franc Mendes as Airline Business Development Manager

Universal Avionics (UA) has appointed Franc Mendes as the Airline Business Development Manager. In this new role, Mendes will be responsible for introducing UA's product line including the ClearVision Enhanced Flight Vision System (EFVS) to the airline market. He will also support UA's Flight Department as a demonstration pilot for the company's Gulfstream G-III aircraft. Mendes will be based in Phoenix, Arizona (USA).

Mendes has more than 24 years of experience in the aerospace industry. He was most recently the Technical and Safety Pilot for the Boeing Company in Shanghai, China. Before working for Boeing, Franc was a long-haul pilot for Cathay Pacific Airways. He also has extensive experience flying corporate, United Nations, and other humanitarian missions.

"Over the past year, UA has seen an increased interest from the airline market for EFVS solutions," said Scott Campbell. "Moving forward, we're excited to provide a solid commercial offering with mature products, with many certifications currently in work,"

Scott continued, "Franc's multiple type ratings on transport category aircraft, as well as his airline experience, will play an important role in UA's efforts to support this growing market."



Todd Probert joins CAE as Group President, Defence & Security

CAE has appointed Todd Probert as Group President, Defence & Security. He will be based in Washington, DC.

"I am very pleased to welcome Todd Probert to CAE's executive management team, as our new Group President, Defence & Security. He is a proven strategic business leader with the right balance of technical, business and international experience in defence and technology," said Marc Parent, CAE's President and Chief Executive Officer. "Todd's competencies and background are very well aligned with CAE's emphasis on digital innovation and our long-term vision to be the training partner of choice. His ability to drive business growth and create strategic partnerships will bring significant value to our company and our defence customers."

Before joining CAE, Probert worked for Raytheon which is the world's fourth-largest defence company, over the past 10 years. There he was leading the Command, Control, Space & Intelligence business unit as part of Raytheon's Intelligence, Information and Services segment. Probert also worked for Honeywell Technology Solutions, Inc. (HTSI) prior to working at Raytheon.



Ravi Ravichandran named Chief Technology Officer of BAE Systems' Intelligence & Security Sector

BAE Systems has appointed Dr. Ravi Ravichandran as Vice President and Chief Technology Officer (CTO) for the company's Intelligence & Security sector.

In this new role, Ravi will drive the development, integration, and transition of next-generation solutions that advance the company's current programmes and future technology pursuits.

"Ravi's technical and business experience is a great asset to our company and our customers," says Al Whitmore, President of the BAE Systems' Intelligence & Security sector. "As we advance our systems integration capabilities, he will focus on expanding our cutting-edge technologies in artificial intelligence/machine learning, cloud computing, data analytics, enterprise IT modernization, and system sustainment."

Dr. Ravichandran has over 25 years of experience in technology innovation, prototype development, and product transition to franchise programmes. His work has been granted patents and featured in books and academic journals.



Stephen Henwood joins Aerogility as Board Director

Aerogility has appointed Stephen Henwood as one of its Board of Directors.

Stephen has joined Aerogility again after six years as Chair of the Aerospace Technology Institute (ATI).

He worked for Aerogility from 2010 as board director until 2014. He also worked at BAE Systems, where he held roles including Group Managing Director of International Partnerships and Group Director of Financial Control and Accounting.

Aerogility's CEO Gary Vickers said, "We are delighted to welcome someone of Stephen's wide-ranging experience back to the company. His deep understanding of the aviation industry and the practical application of leading-edge technologies to aircraft operations will be invaluable as we grow."

Stephen comments, "Since I last sat on the Aerogility Board, the company has advanced at an impressive rate.

"As well as building a strong reputation in the defence sector, where fleet readiness and through-life cost control are critical, the company has also made impressive inroads into the civil aviation market. Major carriers such as easyJet and Scandinavian Airlines have embraced the innovations that Aerogility brings to predictive maintenance and planning," said Stephen. "The capability to forecast fleet management and optimise maintenance workloads is something that all airlines aspire to. We are on an exciting innovation journey with our customers and I am very excited about the impact that we can make on the aviation industry."

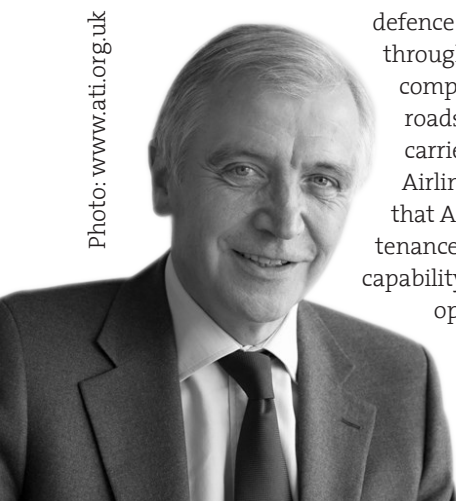


Photo: www.ati.org.uk

Aerion Supersonic appoints Matthew Mejia as Chief Financial Officer & Executive Vice President of Strategy & Investor Relations

Aerion has appointed Matthew Mejia as the company's Chief Financial Officer and Executive Vice President of Strategy & Investor Relations. Matthew has more than 20 years of experience in the aerospace industry in strategic due diligence, management consulting and investment banking.

"Aerion's mission to build the next generation of global transportation networks, saving humanity time while being carbon neutral is a truly compelling vision. They also have the team that can back this vision up with real know-how and proven expertise. I look forward to this incredible opportunity," said Mejia.

Tom Vice, Aerion's Chairman, President and Chief Executive Officer, "I am very pleased and excited to announce that our board of directors has approved the appointment of Matthew Mejia as our CFO and EVP Strategy & Investor Relations. Matthew brings a remarkable depth of knowledge about Aerion, as well as an impressive background for this role. He will be an incredible addition to our leadership team."

Matthew worked at Renaissance Strategic Advisors and has also held leadership positions at Booz & Company and Charles River Associates. He has eight years of experience as an investment banker at First Equity Development, a boutique investment bank, focusing on aerospace & defence advisory and merchant banking activities.

International Events

MRO EVENTS		
DATE	EVENT	VENUE
4-5 Feb 2020	Aero-Engines Americas	Miami, FL, USA
4-5 Feb 2020	MRO Africa	Ethiopia, East Africa
06-07 Feb 2020	3rd Aerospace & Defence MRO South Asia Summit 2020	New Delhi, India
24-26 Feb 2020	MRO Middle East 2020	DWTC, Dubai
10-11 Mar 2020	MRO Russia & CIS 2020	World Trade Center, Moscow, Russia
10-12 Mar 2020	MRO Australasia 2020	Brisbane, Queensland, Australia
28-30 April 2020	MRO AMERICAS	Dallas, TX, USA
19-21 May 2020	AP&M EUROPE	Manchester, UK
10-11 June 2020	Engine Leasing, Trading & Finance	London, UK
16-17 Sept 2020	Aero-Engines Europe	Stavanger, Norwa
22-24 Sept 2020	MRO Asia-Pacific	Singapore
27-29 Oct 2020	MRO Europe	Barcelona, Spain

AIRSHOWS		
DATE	EVENT	VENUE
11-16 Feb 2020	Singapore Airshow	Changi Exhibition Centre, Singapore
12-15 Mar 2020	WINGS INDIA 2020	Begumpet Airport, Hyderabad, India
13-17 May 2020	ILA Berlin	ExpoCenter Airport, Germany
20-24 July 2020	Farnborough International Airshow 2020	Farnborough, England
08-10 Dec 2020	MEBAA Show 2020	DWC, Dubai Airshow Site

OTHER AVIATION EVENTS		
DATE	EVENT	VENUE
17-19 Feb 2021	International Aviation & Aerospace Expo Indonesia (IAE 2021)	Jakarta International Expo Indonesia
18 - 19 Feb 2020	Aviation Festival Asia 2020	Suntec Singapore Convention & Exhibition Centre, Singapore
04 - 05 Mar 2020	1st Korea Aero Summit 2020	Seoul, South Korea
10 - 12 Mar 2020	World ATM Congress 2020	Madrid, Spain
12 - 14 Mar 2020	ATCA Technical Symposium	Atlantic city, NJ, New Jersey, USA
21- 23 April 2020	Asian Business Aviation Conference & Exhibition (ABACE)	Shanghai, China
21- 23 April 2020	AIR Convention ASIA	Bangkok, Thailand

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