



Cost-effective, multi-purpose, narrow body Inflatable hangar by GMR AeroTech

GMR Aero Technic (GAT) has become the only MRO in Asia to install an Inflatable Hangar. This multi-purpose hangar can be used for scheduled- unscheduled maintenance and engine or landing gear replacement. The hangar is a one bay narrow body hangar with enough space to take one B737 or A320 aircraft. The addition of this hangar has added one additional bay to GAT's already existing 7 bay capacity.

An Inflatable Hangar is cost-effective, reduces downtime to a minimum and saves time and money as

compared to building a conventional hangar, at the same time catering for all the functionality, safety features and structural stability of the conventional hangar.

Ashok Gopinath, CEO, GMR Aero Technic, said, "The latest addition of this Inflatable Hangar to our MRO will help us take additional business and support our customers in meeting their timelines and commitments of aircraft operations and redeliveries. Such hangars have been used as a proper alternative to conventional hangars by MROs in Europe and GCC

for many years now. In the long term, we are looking at adding a couple of more hangars aimed at upgrading to include wide body aircraft capability."

With this additional line, GAT would be able to handle additionally 15 to 20 smaller base maintenance checks or four to five end of lease checks per year.

The Inflatable Hangar will serve as a dedicated base maintenance facility complementing existing facilities in GMR Aero Technic, Hyderabad, India and help in optimizing the already available resources in terms of manpower, tooling and support workshop.

BUSINESS DIDN'T STOP BUT IT CHANGED A LOT

Not only she can fly a flying machine; but also nurture the wings of her siblings and children to fly, She not only applies torque to spanners, tests circuits with testers and sophisticated tools to maintain a flying machine, But also knows how to maintain a perfect balance of her roles as a daughter, wife, mother and sister.

Not only she is capable of repairing a flying machine; but also is capable of being the strength of the structure of her family with repairs to relations as per needs, Not only she can overhaul a complex flying machine to make it totally rejuvenated; but also can care and rejuvenate akin to **overhaul of soul and body** of the ones whom she cares for.....



As a signatory of the @TheWiACharter, Airbus is committed to playing its part to drive greater gender balance across the #aviation and #aerospace industries. #ChooseToChallenge #IWD2021 Our message to ALL the girls out there on this #InternationalWomensDay : dream big! At #Airbus, we believe the diversity of our workforce is a huge strength and is key to achieving our long term sustainability goals. If we all #ChooseToChallenge, we can reach a better world faster.

MARCELLA CORTELLAZZI Head of communications Airbus A220 and Canada

I'm amazed when I look around me at the outstanding women who have worked very hard and proven very effective in this industry. They inspire me and I love connecting with these peers. They have seen things and challenged the system in new and creative ways. It's never easy, but so worth it, especially knowing we are blazing a path for more young women to go even further than ever. We are changing the face of aviation.

REBEKAH LAWRENCE Director of Sales & Marketing at Barfield, Director of Sales Marketing at Barfield, Inc., an AFI KLM E&M company



Without a doubt, women play a fundamental role within the aviation industry – we are engineers, pilots, cabin crew, dispatchers, crew planners, sales staff, HR managers (just to name a few examples). We head departments, manage teams, ensure the safety of crew, passengers and aircraft. The road to breaking the proverbial glass ceiling starts by perhaps focusing less on the ceiling, and more on the way we acknowledge competence. I know we have made progress when women will be asked more about industry-related matters as subject matter experts within their field. I know we have made progress when women will be offered a platform for reasons other than it being International Women's Day. Until that day, I will continue to support my peers (regardless of gender identity or belonging) and give recognition for their professional competence regardless of what day of the year it is.

DIANA ANDRABI Lead Sales at AvioNexus

Women are still struggling to get there. They're paid less. Much less. There are only up to 1-5 women in aviation excluded cabin crew. There are very few women in top positions. Look at Boeing board of directors. It's men only. And this is the reality. We're just starting to feminize the industry. It will take time. But changes are coming. Slowly but coming.

VILMA VAITIEKUNAITE Chief Communications Officer at Avia Solutions Group



No doubt that Aviation is still a man's playground. However, every time you look around, you see yet another woman marching in, turning tables and making you realize - she is here to stay. I am so excited to see all these women challenging the industry's gender standards, upending the imbalances and making it safe for both - women and men. And that is what it is all about - equality. It never should become a competition but a shoulder-to-shoulder journey towards mutual success.

VALENTINA GUSEINOVA Marketing and Communication at APOC Aviation

Women have successfully "Broken thru the flight deck door" and are flying every piece of equipment ! Never underestimate the power of a strong woman!

SUSAN C. FRIEDENBERG President - CEO at Corporate Flight Attendant/Tech Training - Consulting



As a child growing up in the general aviation skies in the American Midwest, the great gender divide plaguing the aviation industry was ever-apparent but not discussed. Now, four decades later, there's proof of positive progress as women are working hard to shatter the glass ceiling. In double digit domination in careers like aerospace engineering, women are venturing into aviation and aerospace where they once were unrepresented. However, there's still work to be done - especially in the cockpit and the maintenance hangar. It's been said aviation is the great equalizer - then it's high time to allow women to stand shoulder to shoulder with their male counterparts.

ALYSSA CONNELL CEO of Connell Aviation Group and runway THREE-SIX



Happy International Women's Week! Aviation is a great industry and being a woman in aviation is always a plus. There are so many opportunities in this industry. And so much room for career growth that I could never imagine changing fields. I strongly encourage any woman who wishes to pursue a career in aviation to do so.

ANCA MIHALACHE Vice President Engine Trading & Leasing at APOC Aviation

MRO is a field clearly dominated by men. Is this because that men possess certain superior features which makes women hard to compete? Or is this because there is something overly difficult and sophisticated where men are somehow better geared to navigate? My strong opinion is that all this is a pure mystification – what is required to excel in MRO area is nothing more than some persistence and critical thinking. Season that with a little bit of hard work and you can crack most difficult problems, which often were qualified as unsolvable by quite a few knowledgeable and experienced men before.

RITA DOMKUTE CEO at KlasJet



We like it or not, aviation is still considered as a “gentlemen’s club”. However, it’s good to see that the perspective is changing and there are more and more ladies joining the aviation sector, not only as flying or ground handling staff, but also as aircraft engineers and technicians. It takes a lot of courage and resilience for women to succeed in this very traditional industry. In my field of work, I see occasions where less experienced ladies are outperforming their more experienced men colleagues. So, there is no job too difficult for ladies.

I am really proud of all the ladies in the aviation sector and I urge you to never give up and still be there to continue making the skies better!

ENE KRINPUS HR Manager at Magnetic MRO

Being a women and being oneself is a great form of diversity. It brings more ideas and better solutions to the table.

ASHMITA SETHI Managing Director and Country Head, Pratt & Whitney, India



While the aerospace industry has traditionally been male dominated, the opportunities for women are limitless from a technical, management, and executive perspective. As a female executive helping to lead an aerospace manufacturing and engineering company, I make it a point to introduce myself to as many industry and non-industry leaders as possible to breakthrough and solidify the fact that women are also leading innovations in the aerospace industry.

KRISTINA WILLIAMS Director of Business Operations at Jetaire Group

While India has the highest percentage of women pilots in the world, we really want more women engineers in Aviation and Aeronautics. As the President of IWPA which was Indian Women Pilots Association, we have now expanded the name to International Women Professionals in Aviation and Aerospace (IWPA) to encourage, motivate and mentor women engineers. Women are highly competent, and skilled in engineering and nothing can stop them from any function of engineering. If there is anything that can stop them, it is only the doubt in their own mind. Be fearless and focused on your goal.

HARPREET A DE SINGH CEO, Alliance Air



Katherine Wright first flew with her brothers for their demonstration flights in France in 1909. Katherine could have been the inspiration for the Baroness Raymonde de Laroche of France, who was the first woman in the world to solo in 1909 and the first woman in the world to earn her pilot's license in 1910. Her brother Wilbur said, "If ever the world thinks of us in connection with aviation, it must remember our sister." In mid-2020, three women broke the stereotypes to become aircraft maintenance engineers on the occasion of 'Women in Engineering Day'. Many say it is not a Woman's job, but a woman can take on any task she chooses and puts her heart and soul into it. "Don't be a Hidden Figure - Stay revealed at all times." It is the black women who did the math put men on the Moon.

RAJASHREE RAO Head of AI Innovation Hub & Partnerships and Ecosystem (APAC) at R2 Data Labs, Rolls Royce

Conclusion - Although today is the last day of celebrating Women's week, no particular day or week is enough to appreciate the sacrifices and efforts a woman takes, not just in her professional life, but personal life too. We salute such women and will continue to celebrate the headstrong women soaring high in aviation.

StandardAero to perform OEM approved repairs on Honeywell Accessories and LRUs



Honeywell Aerospace has signed multiple long-term distribution and license agreements with StandardAero Component Services. As per the agreement StandardAero will perform OEM approved repairs on Honeywell hydromechanical units and fuel controls as well as a large portfolio of Honeywell pneumatic valves, actuators, regulators, starters and fuel pumps across a comprehensive range of aircraft applications.

StandardAero will perform repairs at

its Hialeah and Fort Myers in Florida as official licensed Honeywell Authorized Warranty and Repair Station (AWARS). StandardAero will collaborate with Honeywell and have full access to all relevant technical manuals and spare parts, allowing for a more competitive offering.

Mike Rezman, Vice President for LRUs & Accessories within StandardAero's Component Services business unit said, "This is a significant agreement as we will receive OEM support necessary to of-

fer competitive and high quality repairs performed on a multitude of legacy platforms including the A320, B737, B747, B757, B767, B777, CRJ, ERJ, CFM56-5, CFM56-7B, CF6-80 and CF34 as well as next generation platforms such as the A320neo, B787, 747-8, B737 MAX, GENx and LEAP. In conjunction with the MRO licenses, StandardAero acquired a significant amount of LRU and accessory inventory, enabling us to support exchange programs while decreasing our repair turn-around times for our customers."

StandardAero acquired Safe Aviation Solutions (including Safe Fuel Systems, Accel Aviation and B&E ACR), formerly the MRO services subsidiary of the B&E Group, during summer 2019. The acquisition expanded the company's MRO capabilities to include comprehensive testing, repair, overhaul and modification of engine fuel system components, pneumatic/hydraulic/actuation systems and aircraft power generation systems for airlines, freight companies, OEMs and other MRO providers.

Aer Lingus signs Repair Cycle Management contract with AJW

AJW Group has been selected by Aer Lingus as its supply chain management provider. As per the contract AJW Group will perform data analysis and assistance regarding component engineering services for the entire Aer Lingus fleet of A320 family and A330 aircraft apart from providing repair and logistical support. This Repair Cycle Management (RCM) contract sees AJW directly support Aer Lingus' fleet of A320, A321LR/XLR and A330 aircraft covering the majority of airframe and engine LRUs and includes new A321NEO aircraft.

AJW offers sophisticated system integration with Aer Lingus' AMOS system to deliver a highly efficient supply chain solution to drive superior performance and operational excellence which aligns with AJW's digital expansion strategy.



The service includes a very close working relationship between AJW and Aer Lingus engineering teams and AJW Technique, the Group's Maintenance Repair and Overhaul facility, will play a significant role in the new contract with a high degree of

capability of the contracted coverage of Aer Lingus components.

The signing of this contract reinforces AJW's position as the market leader for end-to-end supply chain solutions for the A321NEO in addition to its existing portfolio of A320CEO and A330 aircraft.

Honeywell extends component repair agreement with Sabena technics

Honeywell and Sabena technics have extended their component repair agreement on ATR 42 and 72 platforms. This agreement makes Sabena technics the sole licensee on this platform till December 2030.

As a licensed Honeywell Authorized Service Centre and Global Channel Partner, Sabena technics has already been providing repair and upgrades for a lot of Honeywell's component on ATR 42 and 72 twin-engine turboprops from its locations in Europe and Asia. With capabilities that included component such as ED800, AHRU, ADC, Tic Valve as well as Air Cycle Machine, for which Sabena technics is the only

OEM-approved repair station for upgrade solutions.

According to the extended agreement, Sabena will not only carry out repair & overhaul services but also handle purchasing & inventory on a large amount of stock in order to sustain its capabilities on a long-term basis. Moreover, in the following months, additional internal repair and overhaul capabilities will increasingly be added to Sabena technics' workload with a goal to reach full scope on all Honeywell's products fitted on ATR 42/72. Sabena technics will also provide standard exchange unit to Honeywell and its customers.

Philippe Delisle, COO of Sabena technics

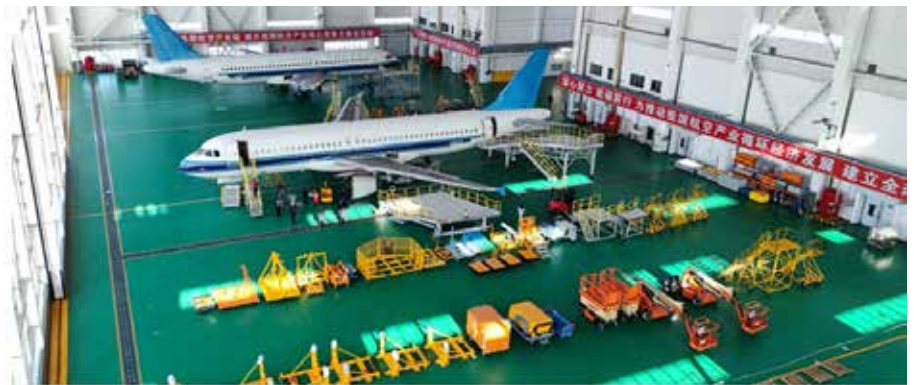
said, "We are proud to have reached this new milestone in our relationship with Honeywell. It confirms their trust in the efficiency and reliability of our services. We are dedicated to providing the best solutions for Honeywell's customers by being a one-stop shop for ATR operators, and bringing them added-value customized solutions at the highest standard of quality and at the most accurate costs."

Sabena technics will serve customers worldwide 24/7 from its state-of-the-art facilities in France (Bordeaux and Dinard) as well as from Singapore through its joint-venture with Air France Industries KLM Engineering & Maintenance: Singapore Component Solutions.

CAAC Airbus A320 certificate throws open huge opportunities for FL ARI

FL ARI has successfully completed the audit and received the Civil Aviation Administration of China (CAAC) approval on company's base maintenance capabilities, and has been granted Part 145 maintenance certification to carry out regular maintenance, repair, modification and other operations for Airbus A320 series aircraft. FL ARI is a joint venture between FL Technics is leading aircraft maintenance (MRO) service provider in Europe and China Aviation Aftermarket Holdings (CAAM), a subsidiary of China Aircraft Leasing Group (CALC).

Donatas Dockus, CEO of FL ARI said, "This CAAC Airbus A320 family certificate opens the door and access to all Chinese airlines. To date, almost 1,800 Airbus A320 family aircraft are used in China. Last year, in 2020, we were the first independent aircraft maintenance and overhaul services company in the North China region to receive EASA Part-145 certification for Airbus A320 and Boeing 737 NG Line maintenance. This certificate allows FL ARI to benefit from 20 years of FL Technics experience in servicing and repairing aircraft on a global scale."



"Analysts predict that the aviation services market in China will be one of the fastest growing in the world over the next ten years. Therefore, in order to provide a full range of MRO services to the aviation market participants in this region, we plan to obtain EASA 145 approvals for base maintenance in the near future," Donatas Dockus, CEO of FL ARI, explained.

Mike Poon, CEO of CALC said, "The accumulation of business resources from the Group's aged aircraft asset management and the technical expertise of FL Technics have laid an important foundation for the development of FL ARI. The

145 base maintenance license, issued by the CAAC, is not only a milestone in promoting the professional development of MRO business, but also an additional strength to the professional management of the Group's aircraft assets. Thanks to the team's careful preparation and CAAC's support, we will further provide value-added services for our customers with LEAN service quality and efficient support capability."

The next step in company's growth strategy is the base maintenance certificate for Boeing 737 NG family that the company is planning to receive in the next few months.

Sabena technics to carry out modification on ATL2 maritime patrol aircraft for the first time

Dassault Aviation has selected Sabena technics to carry out the modification on ATL2 maritime patrol aircraft as a part of the program designed to modernize the aircraft's combat system to standard 6. Defense procurement agency has given the contract for the upgraded (standard 6) ATL2 combat system to Dassault Aviation and Thales in October 2013.

The program covers a fleet of eighteen aircraft, eleven of which will be modernized by the French SIAé aeronautical maintenance center. The other seven were entrusted to Dassault Aviation, who chose to rely on the know-how of Sabena technics to support it as a subcontractor on this program.

Sabena technics' teams will therefore ensure that the modification is carried out on a few of these aircraft, the first of which has just been welcomed at the MRO's facility in Dinard (France).

Philippe Rochet, CEO of Sabena technics said, "We are delighted to



welcome the ATL2 in our facilities for the first time. Our technicians were qualified last summer by Dassault Aviation at its Istres center and are now ready to deliver the best quality of service while strictly respecting the deadlines. Following the modification program of the Falcon 50 of the French Navy, today our cooperation extends to a new type of aircraft, to our greatest satisfaction."

The modernization program to standard 6 includes:

- ✈ a new radar: Thales Search Master with active antenna
- ✈ a new acoustic subsystem from Thales
- ✈ a new navigation console designed by Dassault Aviation,
- ✈ new consoles for the tactical display subsystem, developed by the SIAé,
- ✈ full integration of WESCAM optronics

GE's GEnx-2B engines to power Atlas Air's Boeing 747-8 Freighters

Atlas Air has signed a USD 800million agreement with GE Aviation for GEnx-2B engines. These engines with power Atlas Air's four Boeing 747-8 Freighters. The agreement also covers TrueChoice Overhaul service for the engines which includes the time and material required to overhaul these engines.

John W. Dietrich, Atlas Air Worldwide President and Chief Executive Officer said, "The 747-8F powered with GEnx engines gives us the best and most versatile widebody freighter in the market. Our partnership with GE Aviation supports our longstanding focus on leading edge technology. We look forward to continuing to provide world-class service to our customers."

"GE Aviation is proud to provide the engines and services for Atlas Air's new 747-8 Freighters and play a role in Atlas Air's growing operation," said **Jason Tonich, Vice President and General Manager of**



Global Sales and Marketing at GE Aviation. "The GEnx-2B engines have proven their reliability and durability since entering service almost a decade ago, and GE Aviation is committed to providing full support for these engines long into the future."

Customers have ordered more than 2,500 GEnx engines, making it the fastest selling high-thrust engine in GE's history. With the most advanced technologies

and materials, the GEnx has the highest reliability and utilization, lowest fuel burn and longest range capable of any engine in its thrust class.

The GEnx's innovative lean burning twin-annular pre-swirl (TAPS) combustor dramatically reduces NOx and other regulated gases below today's regulatory limits and enhances durability. As the world's first commercial engine with both a carbon fiber composite front fan case and fan blades, the GEnx fan module is lighter in weight, corrosion resistant with less line maintenance and improved reliability, and is the quietest engine GE produces.

The TrueChoice suite of engine maintenance offerings incorporates an array of GE capabilities and customization across an engine's lifecycle. Each TrueChoice offering is underpinned by GE Aviation's data and analytic capabilities and experience to help reduce maintenance burden and service disruptions for customers.

Leonardo expands in Indonesian market with the new AW109 Trekker

Leonardo recently delivered AW109 Trekker light twin to FlyKomala of Indonesia. This delivery marked the entrance of this type of aircraft in helicopter market. The aircraft will be used for passenger transport, utility transport, disaster relief, and emergency support duties. The AW109 Trekker offers the best in class performance and payload, large cabin space, a rugged airframe and modern avionics to enhance mission effectiveness and safety in the demanding environmental and weather conditions of the country.

This latest delivery grows the success of Leonardo's light twin types in Indonesia adding to the AW109 Grand and Grand-



New models. Leonardo's civil helicopter fleet in Indonesia counts almost 20 aircraft of various types for corporate, SAR, and utility transport tasks. Asia has proven to be one of the most important regions for the AW109 Trekker, chosen in various countries for several applications including EMS, utility, and law enforcement tasks.

The AW109 Trekker maintains the AW109 Grand airframe, large cabin and

top-class performance while offering greater payload at a competitive cost, therefore proving it is perfectly suited to meet the stringent requirements of operators in terms of capabilities and cost effectiveness.

The AW109 Trekker is the latest addition to Leonardo's helicopter portfolio and their first light twin to offer skid landing gear. It is equipped with a latest generation Genesys Aerosystems glass cockpit that can be configured according to customer needs: one or two pilots, VFR or IFR. Over 70 AW109 Trekkers have been sold to customers around the world to date for a number of missions, adding to around 1,500 AW109 series units sold globally.

Caerdav finds an ideal partner in JMC to provide skilled engineers

Caerdav has signed an exclusive agreement with JMC Group to help bolster its workforce when required, helping to ensure it keeps up with increasing demand for its maintenance services and to support its move into the cargo conversion market. JMC will primarily supply skilled engineers to help Caerdav efficiently manage larger scale projects or those requiring faster turnaround times.

Joachim Jones, Group CEO at Caerdav said, "JMC is the industry standard for contractor supply, so we know we'll be getting the best in the business. Having access to such a fantastic resource gives us more flexibility as a business, allowing us to request additional support when we need it. We have ambitious plans for growth this year and JMC's support moving forward will be vital, allowing us to deliver an efficient, cost-effective service to our increasing customer base."

Every week, JMC supplies more than 1,200 skilled personnel to airline, MRO and component manufacturing clients across the world. Their unrivalled



expertise and industry experience make them an ideal partner for Caerdav, with the business expanding its maintenance operations and making a first move into cargo conversions in 2021.

Hollie Prendergast, Managing Director at JMC said, "We are excited to be working closely with such a forward-thinking MRO. We're confident our candidates will provide Caerdav with more than just manpower, but additional skills, knowledge and experience that will help to deliver a premium service to its client base."

"With JMC on board, we know we can get the staff needed to deal with unforeseen additional work quickly and easily, helping to prevent potential delays. Similarly, we're now able to accommodate customer requests to rapidly get their aircraft back in the sky, which is fantastic for business," added Jones.

As part of the agreement, Caerdav also has access to JMC's bespoke 'Swift Portal', an intuitive web-based application that simplifies the process of requesting additional personnel.

Dassault Falcon's 6X business jet takes off with Pratt & Whitney Canada PW800

Dassault Falcon's 6X business jet recently took its first successful flight powered by Pratt and Whitney Canada's PW812D engines from the Dassault's assembly centre in Bordeaux-Mérignac, France. The PW800 is the most modern, efficient and environmentally responsible engine in its class.

Maria Della Posta, president of Pratt & Whitney Canada said, "The PW812D engine for the **Dassault Falcon 6X** features the latest innovations and technologies. We are thrilled with the engine's performance and proud to have it powering the Dassault Falcon 6X, building on our successful relationship with Dassault over the past 20 years of active programs."

Using the most sustainable and high-performance technologies, the engine offers double-digit improvements in fuel burn, emissions, maintenance times and noise. The PW800 engine also incorporates the latest generation of technologies in every aspect, from



advanced design to innovative maintenance functionality. For passengers, the engine is designed to provide an unmatched experience with an exceptionally quiet and comfortable cabin making it the quietest engine in its class.

"All of this is backed by the most comprehensive hourly maintenance program on the market," added **Della Posta**. "**The PW800's Eagle Service Plan** (ESP Program) represents the industry's most

extensive end-to-end coverage, providing a true 'concierge level' of service, supported by data-driven prognostics."

The engine has shown exceptional performance during testing with 3,000 hours of engine testing, including more than 300 hours on the flight test bed and 19,000 hours on the core. With the total PW800 engine family, more than 32,000 hours of testing has been conducted, including close to 25,000 hours of flight testing.

Air China receives its 10th A320neo from BOC Aviation



The A320 neo is powered by ultra-efficient PurePower PW1100G-JM engine which delivers double-digit improvements in fuel efficiency and reduces noise by 50 per cent

2 March 2021: BOC Aviation has delivered the final aircraft of the ten

Airbus A320 neo aircraft order to Air China. The aircraft is powered by Pratt & Whitney GTF PW1100G-JM engines.

Mr. Robert Martin, Managing Director and Chief Executive Officer, BOC Aviation, said, "This delivery reflects the level of cooperation that we have

built with Air China, with significant teamwork on both sides needed in the delivery of all ten A320NEO aircraft. We look forward to further developing our long and successful relationship with Air China as we continue to provide our airline customers with more fuel-efficient and technologically advanced aircraft solutions."

The ultra-efficient PurePower PW1100G-JM engine delivers double-digit improvements in fuel efficiency, reduces noise by 50 per cent and slashes CO₂ and NO_x emissions. The PW1100G-JM engine's exceptional environmental performance goes hand in hand with a reduction in engine cash operating cost, as it has been designed for maintenance, with fewer stages and lower parts count. The geared architecture combined with the advanced PurePower engine core enables this game-changing engine to deliver on all fronts, without compromise.

West Star authorized to install Pro Line Fusion in Challenger 604 Aircraft

West Star Aviation is now authorized to install Pro Line Fusion in Challenger 604 Aircraft. Fusion is a comprehensive Avionics Upgrade that will keep the Challenger 604 in compliance with current Domestic and International Mandates. Not only will you mitigate obsolescence issues of legacy Avionics, Fusion greatly raises the bar in Flight Safety with standard features that include Synthetic Vision and Graphical Flight Planning.

"We very much look forward to providing our Challenger 604 customers the very highest aircraft value with the most comprehensive Avionics upgrade available. This upgrade and its options truly put the 604 fully back into International conformity, where it was designed to be", said Walt Marcy, Avion-



ics Technical Sales Manager, West Star Grand Junction.

Some of the benefits include:

- ✦ Fully integrated avionics upgrade for Challenger 604
- ✦ Compliance with FAA & International Airspace Mandates
- ✦ Future Proofs Avionics in this highly valued aircraft

- ✦ Safety enhancements with Synthetic Vision and Graphical Flight Planning
- ✦ Fully integrated EICAS Systems
- ✦ Fully integrated Auto Throttle
- ✦ Eliminates Obsolescence Issues with legacy Avionics

West Star Aviation is fully capable of providing this upgrade at all four of its Service facilities.

Oriens Aviation broadens expertise on Pilatus aircraft family



Oriens Aviation was recently authorized as a PC-24 Service Centre. With this Oriens can now add Williams FJ44 service station status to their expertise. Oriens completed its first annual check on a PC-24 Super Versatile Jet for a private UK customer at its London Biggin Hill Airport facility. Apart from this they have also obtained its EASA Part 145 accreditation, alongside its national UK CAA certificate, enabling it to continue working on European-registered PC-12

and PC-24 aircraft, post-Brexit. This is an important move as a number of Oriens' customers, especially on the PC-12, come to the UK from overseas.

Applauding his team in securing these important milestones in the midst of the pandemic, Edwin Brenninkmeyer, Oriens Aviation CEO said, "We are delighted to broaden our expertise on the Pilatus Aircraft family and become the Williams approved service station for the FJ44 engine serving the Pilatus PC-24 in the UK. It is timely too, as we mark

our third anniversary at our newest Biggin Hill home."

Since the launch of its maintenance facilities in 2018, Oriens has doubled its workforce and made significant investment in training and tooling. The business has kept open to support essential MRO during the first, second and ongoing lockdown in the UK.

Oriens Aviation Maintenance General Manager Stuart Locke said, "We are pleased to have offered continued seamless support for our new and existing clients."

"Sales interest in the PC-12 NGX and the PC-24 jet from potential UK and Ireland customers has not abated either," commented Edwin. Oriens has sold all of its new Pilatus aircraft positions for 2021. However, customers can still secure new PC-12 NGX and PC-24 positions for delivery in 2022.

Oriens' mission is to deliver a high quality, responsive, end to end service to all Pilatus Customers – from sales, AOC advice, aircraft management advisory, MRO and pilot training.

Air Alliance to market TECNAM P2012 series in Germany and Austria

With the TECNAM P2012 Air Alliance will benefit from the unique specifications of the aircraft, widening and enriching its offer to potential customers in the region.

8 March 2021: TECNAM has selected Air Alliance to market their twin engine Tecnam P2012 series for the sales territories in Germany and Austria. The P2012 is new-generation, piston-powered, twin-engine, high-wing, fixed-landing-gear aircraft accommodating nine passengers with one or two crew members. It provides cost-effective solution with various configuration options and features like air-conditioning, in-seat power, wide leg room, separated in-fuselage cargo bay, and under-seat storage space thereby offering an exceptional travel experience.

Giovanni Pascale Langer, TECNAM Managing Director said, "The P2012's innovative design is ideal for regional



airlines and smart operators. Aligning with Air Alliance, with its great experience in this market, it is a natural fit to provide German and Austrian customers with the support they need."

René Petersen, CEO of AIR ALLIANCE said, "We are excited to begin this new partnership with Tecnam. We think the P2012 is the most modern piston engine of this category and it is the perfect fit to expand and complete our multi-brand offer."

Cutting-edge avionics by Garmin offers pilots all the information they require for day and night operations in VFR, IFR and PBN; the "SPACE" cockpit has been specifically designed to reduce pilot workload, for a safer and smarter mission accomplishment. For all these features the aircraft can be operated by a Single Pilot and in all-weather conditions including Flight In Known Icing (FIKI). The P2012 series offers

also Special Mission, Full Cargo, Combi and Air Ambulance.

The P2012 will be the first turbo-charged twin piston aircraft in the Air Alliance portfolio and it will join the fleet of Jets and Turbo Props of other prominent brands on the market. With the TECNAM P2012 Air Alliance will benefit from the unique specifications of the aircraft, widening and enriching its offer to potential customers in the region.

Blue Line aviation expects to triple the aviation students, orders 50 Diamond Aircraft

Diamond Aircraft Industries and Blue Line Aviation recently inked a firm order for 50 Diamond Aircraft, including single engine DA40 NG's, twin engine DA42-VI's and a Diamond Simulator, with an option for up to 50 additional aircraft. The order comes less than a year after Blue Line Aviation's 8 year anniversary, which was celebrated with the delivery of a brand new DA 40 NG from Diamond Aircraft Industries.

Scott McFadzean, CEO of Diamond Aircraft Industries Inc said, "The timing of this aircraft order marks a significant milestone for Blue Line Aviation. We have followed the tremendous growth of this operation very closely and are impressed with their laser focused vision towards the future during this pandemic, which has caused a drastic shift in short-term pilot demand in the industry. We are proud to count

them among our greater Diamond Family and look forward to continuing and growing the partnership for many more years to come."

Trey Walters, CEO and Founder of Blue Line Aviation said, "I'm thankful to everyone that has played a part in making Blue Line what it is today. We couldn't have done it without the hard work of our staff, students, and friends at Diamond Aircraft. Currently, we train approximately 40 full time students at a time in our 5.5 month career pilot course. We expect to triple that, or more, with the new aircraft and recently announced full student financing. We've been able to change lives through flight training and do some good in the world. At the end of the day, that's what matters."

Blue Line is also in the middle of constructing a new USD16-million,

50,000-square-foot headquarters at Johnston Regional Airport (KJNX) with plans to permanently relocate in 2021. The state-of-the-art flight training facility will feature hangar space, the Professional Pilot Training Center, a barbeque restaurant and rooftop terrace, simulator room, operations center and dispatch, flight briefing rooms, and Diamond Aircraft Maintenance, and administrative offices.

Blue Line, North Carolina's leading flight training provider, has increased its fleet of modern aircraft to 16 aircraft, including ten DA40 NGs and two DA42-VIs. The company was founded in 2012 with a goal to provide the highest quality flight instruction in a professional environment. Operating new Diamond Aircraft aligns with that goal, allowing students to train in modern, technologically advanced aircraft.

ST Engineering to use fusion resonance technology to neutralize pathogens in aircraft cabins



ST Engineering has launched for the first time an anti-microbial coating solution with fusion resonance technology that fully meets aviation requirements. The solution called Plasma ResoShield is able to neutralise pathogens before they land on surfaces. The innovative neutralizing capacity of this solution promises high-impact protection lasting up to a year upon application. This solution will give more options to operators looking to disinfect and keep their cabin interiors safe through a robust and lasting solution.

Ling Meng Geah, Head, Programme Office, Cabin Interiors, ST Engineering said, "The COVID-19 pandemic has changed how we view and manage air travel. We are committed to using

our aviation and certification expertise to work with our airline customers and industry partners to help increase passengers' confidence and comfort in flying. The launch of Plasma ResoShield is one such example of using innovative and enduring cabin interior solutions to enhance flying experience and safety."

The solution is non-corrosive, non-flammable non-toxic has anti-bacterial and deodorizing properties that help to improve the cabin air quality for a more pleasant flight. ST Engineering carried out extensive testing for over six months to come up with this solution that meets specific and stringent aviation requirements. Apart from this they also ran a comprehensive list of airworthiness and

certification tests on Plasma ResoShield, which has been tested and approved for use in aircraft cabin interiors under European Union Aviation Safety Agency (EASA) design organization approval.

ST Engineering had worked with partners to carry out extensive product testing over a period of six months to demonstrate the solution's anti-microbial efficacy and durability.

To ensure that the solution meets specific and stringent aviation requirements, ST Engineering also ran a comprehensive list of airworthiness and certification tests on Plasma ResoShield, which has been tested and approved for use in aircraft cabin interiors under European Union Aviation Safety Agency (EASA) design organization approval.

Texas Pneumatic Systems selected as certified Honeywell repair station for selected parts

Texas Pneumatic Systems (TPS) has been selected by Honeywell to join Honeywell's global channel partner network. As per the agreement TPS will be listed as the certified Honeywell repair station for select aviation parts, creating a partnership benefiting mutual customers surrounding the repair, overhaul, and service of a range of airframe and engine

components and their related accessories.

"ATS is honored to join the Honeywell channel partner network," said Brian Olsen, ATS President of Component and Engineering Solutions. "Our ATS Component Repair business has grown significantly since 2015 and this Honeywell partnership helps us continue to do so through greater access to Honeywell

approved parts and support, amongst other benefits."

The agreement will make available more value-added component repair solutions for airlines and aftermarket industry.

Texas Pneumatic Systems (TPS) is a subsidiary business of Aviation Technical Services.

GA Telesis to acquire fleet of 777-300ER powered by GE90-115B engine

GA Telesis has signed an agreement to acquire a fleet of 777-300ER aircraft powered by GE90-115B engines with an undisclosed seller. The TRUEngine program by GE helps operators maximize operational reliability by maintaining all engine components to GE maintenance standards and recommendations. The TRUEngine designation can also result in as much as 50 per cent higher engine residual value and enable easier evaluation of engine configuration, asset value and market attractiveness. The GE90 fan blade is made from carbon fiber and a toughened epoxy matrix that delivers double the strength and one-third the weight of titanium.

With the world's leading aviation ecosystem and given the relative size of the acquisition, GA Telesis' plan for this



fleet will encompass a broad strategy of aircraft leasing, engine leasing, as well as airframe and engine part-out.

According to Marc Cho, President of

the LIFT (Leasing, Investments, Finance & Trading) Group, "We were the first to manage 777 fleet disposition strategies during the financial crisis, and we have built an extensive customer network for the product line. With approximately 1,000 aircraft in service, GA Telesis is proud to support a wide variety of customers throughout the GA Telesis Ecosystem™, as the long-haul market prepares for passenger traffic recovery."

GA Telesis has achieved great success with the 777 platform, from the world's first-ever 777 part-out to the multitude of aircraft it has acquired and managed over the past decade. Most recently, GA Telesis acquired three aircraft from All Nippon Airways for part-out, which followed an award for the Cathy Pacific 777 fleet disposition contract over seven years.

Sichuan Airlines extend narrowbody engine maintenance agreement with MTU Maintenance Zhuhai

MTU Maintenance Zhuhai and Sichuan Airlines have signed a narrowbody engine agreement for airline's V2500 and CFM56-5B engines. The agreement covers 259 engines including spares for a five-year period and services will be carried out at MTU Maintenance's facilities in Zhuhai, Hannover and Vancouver. Sichuan Airlines operates 119 V2500 and CFM56-5B powered A319, A320 and A321 aircraft.

Shao Chuan, General Manager of Maintenance & Engineering Department of Sichuan Airlines said, "We have established an excellent professional relationship with MTU Maintenance Zhuhai over the past decade. As such we have selected them as our maintenance provider for our V2500 and CFM56-5B fleet. They have an outstanding reputation for highly-customized and cost-effective MRO services and we are confident they will provide us with the very best solution across our entire engine fleet."

"This tri-facility agreement is the first of its kind for MTU Maintenance



and gives us the flexibility within our network to ensure the slot availability, quality, turnaround time and cost-effectiveness commitments we have made to Sichuan Airlines," added Michael Schreyögg, Chief Program Officer, MTU Aero Engines. "We are delighted to apply our unrivaled engine expertise to the Sichuan Airlines fleet and look forward to supporting them

with the best solution to maximize their asset usage and avoid unnecessary spend during this difficult time for the airline industry."

MTU Maintenance Zhuhai is a 50/50 joint venture between MTU Aero Engines and China Southern Airlines Company Limited specialized in narrowbody engine maintenance for CFM56, LEAP and V2500 engines.

General Atomics Europe strengthens market position by acquiring MRO business from RUAG Aerospace Services

General Atomics Europe has taken over the maintenance activities for private aircraft and military aircraft from RUAG Aerospace Services. RUAG International has recently transferred all shares in RUAG Aerospace Services GmbH to General Atomics Europe (GA-Europe).

GA-Europe will be taking over all business activities and approximately 420 employees. Apart from this, they will also take over the production and maintenance of the Dornier 228 aircraft at the Oberpfaffenhofen site. At the Oberpfaffenhofen site, RUAG International continues to employ 800 people in aerostructures construction (RUAG Aerostructures). This business segment is not affected by the sale.

Felix Ammann, former Managing Director of RUAG Aerospace Services GmbH, said "We are very pleased with the successful conclusion and wish General Atomics Europe every success for the future. We are convinced that they bring excellent prerequisites with them



to successfully continue the business activities and sustainably secure the jobs for the future."

Harald Robl, Managing Director of General Atomics Europe added, "With this acquisition, GA-Europe is sustainably strengthening its market position in the aviation business. We have developed a strategic concept for the future that will open up new growth

and value creation prospects for the Oberpfaffenhofen site, far beyond the existing business areas, despite the current economic crisis."

The sale is in line with the concept for the unbundling and realignment of RUAG International approved by the Swiss Federal Council on 15 March 2019. The parties have agreed not to disclose the contractual terms.

EDGE and IAI sign MoU to develop advanced Counter Unmanned Aircraft System for UAE market

Israel Aerospace Industries have signed an MoU with EDGE, UAE's advanced technology group for defense to develop an advanced C-UAS (Counter-Unmanned Aircraft System) Solution tailored to the UAE market, with wider ranging benefits for the MENA region and beyond.

His Excellency Faisal Al Bannai, CEO and Managing Director, EDGE said, "In line with the recent Abraham Accords and the UAE's newly established cooperation and spirit of collaboration with Israel, EDGE and IAI are joining forces to deal with this growing threat."

EDGE has recently launched a series of Electronic Warfare solutions at a rapid pace, is leveraging its subsidiary, SIGN4L to collaborate with the Israeli defense manufacturer to build the tailored C-UAS Solution.

Comprising of a combination of IAI and SIGN4L products, the solution will be

comprised of detection and identification systems (radar and optics, RF), soft kill solutions (jamming, cyber take over) and hard kill capability (guns, missiles, electromagnetic and laser) and an advance command and control. The C-UAS

is fully autonomous requiring no to limited human. A series of countermeasures, ranging from jamming to drone destruction, will be offered based on the level of threat and the customer's targeted operating environment.

Al Bannai further added, "Unmanned Aircraft Systems today are a preferred solution in building agility and resilience to the emerging challenges of asymmetric warfare. As EDGE invests extensively in autonomous capabilities, our co-development of a Counter-UAS in partnership with Israel Aerospace Industries will only help strengthen our advanced technology portfolio, and partnerships in the region

and internationally."

Boaz Levy, President and CEO of IAI, said IAI is proud to join forces with EDGE, to provide the UAE and the wider region with a unique and advanced solution in what is a key area of expertise for IAI. We believe that this collaboration will help both companies through the transfer of knowledge and sharing of capabilities. This MoU serves as a stepping-stone for further business and strategic alliances between our countries, and will enhance cooperation for R&D and technological innovation."

Both SIGN4L and IAI will leverage their technical capabilities to jointly develop the system in response to specific customer needs. Further support will be available via IAI's partnership with Belgium Advanced Technology Systems as they have a local technical and marketing presence in the region.

CHC Groups to acquire Oil & Gas business of Babcock International

CHC Group has entered into a conditional agreement for acquisition of the Oil and Gas aviation business of Babcock International Group. CHC Group, LLC is one of the world's leading helicopter services and maintenance, repair and overhaul providers.

The business provides offshore oil and gas crew transportation services in the UK, Denmark and Australia. It is headquartered in Aberdeen (UK), employs over 500 people and operates around 30 aircraft across its three locations.

The deal, which is subject to pre-closing conditions, is expected to complete



in the second calendar quarter of 2021. It is intended that CHC will seek clearances for the transaction from antitrust

authorities in the UK and Australia, though completion is not conditional upon such clearances being received.

PCX Aerosystems to acquire Senior Aerospace Connecticut operations



PCX Aerosystems has reached an agreement with Senior plc to acquire its Senior Aerospace Connecticut operation located in Enfield, Connecticut (SAC). This acquisition expands PCX's portfolio with SAC's complementary rotorhead & transmission component offerings and broadens their combined customer relationships.

"We at PCX view the acquisition of

SAC as a very positive transaction for all of our stakeholders. The combination of these two long-standing Connecticut manufacturers creates an enterprise capable of providing a broad set of supply chain solutions for our customers," said Jeff Frisby, PCX Aerosystems President and CEO.

With the addition of SAC's complementary expertise, there is a sig-

nificant revenue synergy opportunity across both military and commercial platforms for PCX. PCX is committed to continuous improvements and capital investments at both facilities to serve the growth needs of the OEM customer base.

"The combination of SAC and PCX creates a stronger supplier for our customer base with regards to capabilities and expertise, while providing SAC access to a broader market in which to pursue its growth strategy," said Michael Lang, SAC Vice President and GM.

PCX Aerosystems is a leading supplier of highly engineered, precision, flight critical assemblies for rotorcraft and fixed wing aerospace platforms. Founded in 1900, the company serves defense and commercial aerospace markets. PCX focuses on producing complex parts machined from hard alloys such as titanium, Inconel and steel – where tight tolerances and quality are imperative.

They provide direct delivery of components and large assemblies to customers such as Boeing, General Electric Aircraft Engines, Bell Helicopter, and Sikorsky. PCX Aerosystems is owned by RFE Investment Partners and PCX management.

Etihad and Gulf Air join hands for a seamless journey between Abu Dhabi and Bahrain

Etihad Airways and Gulf Air have signed a Strategic Commercial Cooperation Agreement (SCCA) to deepen their partnership between Abu Dhabi and Bahrain and beyond the respective hubs. This agreement will further deepen and broaden the commercial cooperation based on 2018 MOU signed between them subject to government and regulatory approvals.

The 2018 MOU also provided for exploration of MRO, pilot and crew training, and cargo opportunities, which the parties will now re-visit in light of current market opportunities and company requirements.

Tony Douglas said: "This agreement reinforces the strength of the ongoing partnership between our two airlines. We look forward to exploring pragmatic ways in which the two carriers can increasingly work seamlessly between our two capitals, enhance benefits and customer experience for our most frequent travelers and further extend the reach of our joint networks beyond our hubs."

As per this phased collaboration, Etihad and Gulf Air will be able to offer up to an additional 30 combined destinations beyond the Abu Dhabi and Bahrain hubs, across the Middle East, Africa, Europe and Asia.



The airlines will work together to optimize joint operations on the Abu Dhabi-Bahrain route, with improvements to network connectivity over each of the partners' hubs. The partners will also enhance their respective offerings to premium tier customers of Etihad Guest and Falconflyer, including reciprocal lounge access at the hubs and enhanced recognition through a guest's journey.

Captain AlAlawi said: "Our relationship with Etihad Airways has always been strong and today we are reaching a higher

level of collaboration with many more opportunities in the horizon between the national carriers of the Kingdom of Bahrain and the United Arab Emirates. This agreement will empower both of us to offer a more elevated experience to passengers and widen their travel options."

Additionally, the airlines will work together to improve the customer journey on Abu Dhabi-Bahrain, making it more seamless with enhanced and harmonized policies and products in areas such as baggage and ancillaries.

XOJET acquires minority stake in Talon Air to expand global flight solutions

XOJET Aviation has acquired a minority stake in Talon Air as a part of Vista Global Holding's acquisition of Apollo Jets. Talon Air will complement XOJET's capabilities and infrastructure to help them keep improving services in the market. The transaction is expected to be completed by the first quarter of 2021.

Talon Air specializes in aircraft management services and aircraft maintenance through its infrastructure facility and headquarters in Farmingdale, New York and also operates a small diverse

fleet of 36 aircraft including Bombardier, Gulfstream and Hawker products. It offers aircraft management services for both Part 135 and Part 91 aircraft and in-house aircraft maintenance through its Talon Air Maintenance Services (TAMS) and Part 145 FAA Repair Station.

Kevin Thomas, XOJET Aviation President & COO, said, "We are excited by the new opportunity XOJET has to join forces with Talon Air to continue to expand our global flight solutions offering and leading safety standards. We will be drawing on Talon Air's leading

aircraft management expertise and will integrate their knowledge into XOJET's flight solutions. Their state-of-the-art facility and headquarters outside of New York provides us with additional infrastructure and a full staffed in-house aircraft maintenance team in one of the busiest aviation hubs in the world."

Talon Air joins Vista Global's network of business aviation providers operating a global fleet under management of over 160 aircraft and offering a wide range of services from aircraft leasing and flight management to aircraft maintenance.

Japcon takes delivery of Beechcraft King Air 350i from Textron with special mission modifications

Textron Aviation recently delivered a Beechcraft King Air 350i aircraft equipped with multiple special mission modifications to Japcon Incorporated. The modifications include a removable, belly-mounted Forward-Looking Infrared (FLIR) installation, forward executive cabin, communications equipment and racks. After further modifications in Japan including a medical configuration, the King Air 350i will enter service as a liaison/reconnaissance (LR-2) aircraft, and will be owned and operated by the Japan Ground Self Defense Force (JGSDF).

Bob Gibbs, vice president, Special Mission Sales for Textron Aviation said, "We are honored to expand our relationship with the JGSDF. This aircraft will join a fleet of seven other LR-2 King Air 350 turboprops, which has provided reliable service for more than 20 years."

The LR-2 is the JGSDF's only fleet of fixed-wing aircraft. The LR-2 provides



transportation between airfields throughout Japan, especially when transporting emergency patients from remote islands. In addition to a reconnaissance camera, the new LR-2 aircraft is equipped with devices for video transmission and infrared night-vision to enhance its capacity to collect visual information.

"The LR-2 fleet has been serving an enduring mission by providing transport, reconnaissance, and medical evacuation operations in Japan," added Gibbs.

"When the JGSDF needed a modern aircraft with low direct operating costs, it again chose the Beechcraft King Air 350 platform."

The aircraft will be operated by the Renraku Teisatsu Hikotai, a JGSDF Communication and Reconnaissance Squadron, based at Kisarazu Airfield in the Chiba Prefecture.

The Beechcraft King Air 350i is designed and manufactured by Textron Aviation.

Bombardier Challenger 350 continues to ride the popularity wave for 7 years



Bombardier's best-selling Challenger 350 aircraft was the most-delivered medium category business jet in 2020, making it the category leader for a seventh consecutive year as per General Aviation Manufacturers Association's (GAMA) report. About 44 aircraft were

delivered in the last quarter of 2020.

This growth is in response to the customer's growing interest in private aviation and the enhanced safety they provide during these exceptional times. As people try to avoid crowds due to pandemic, the Challenger 350

emerged as an obvious choice.

In 2020, Bombardier achieved an important milestone of its 350th delivery of Challenger 350 in just seven years of service. The best-selling Challenger 350 aircraft now features an expanded selection of sophisticated and contemporary interior design schemes, high-speed Viasat Ka-band connectivity and a refreshed cabin management system, inspired by the industry's flagship Global 7500 business jet.

In addition to the Challenger 350 aircraft, Bombardier's Challenger 650 business jet is a masterful expression of high-end craftsmanship and functionality. With its ideal combination of range, speed and field performance capabilities, the Challenger 650 aircraft is perfectly suited for both private and specialized missions, including medevac. The Challenger 650 aircraft is in service with many governments worldwide for various special missions.

SIA Engineering invests in new engine facility for growing engine maintenance demands

All engine-related services will be consolidated and developed under this unit, which will be the lead business channel to complement SIAEC's network of engine Joint Ventures ("JVs") in Singapore.

5 March 2021: SIA Engineering Company Limited (SIAEC) will be setting up a new Engine Services Division to grow its engine service business. This division will focus on increasing value to its OEM partners and airline customers, enhancing its integration in the engine MRO value chain and strengthening SIAEC's engine services eco-system.

All engine-related services will be consolidated and developed under this unit, which will be the lead business channel to complement SIAEC's network of engine Joint Ventures ("JVs") in Singapore. This new division will develop and provide a comprehensive portfolio of engine-related value-added services, including engine maintenance, parts repair, storage and preservation, material management, on-wing services and engine testing.

Mr Ng Chin Hwee, SIAEC Chief Executive Officer, said, "Notwithstanding the current disruption to the airline industry,



a recovery in global air travel will create greater demand for quick turn maintenance and shorter engine turnaround, particularly those on narrow-body aircraft. The consolidation of our engine-related services under one roof and the investment in a new engine facility will allow us to grow our suite of engine-related capabilities and enhance our ability to service our OEM partners and airline customers. These developments will position us to be first off the blocks in a business upturn and enhance our standing as one of the world's leading MRO providers."

As part of this initiative, they will invest in a facility to accommodate growing demand in engine quick turn maintenance, where engine shop visits are driven by specific work to minimize engine time

off-wing, thereby optimizing both engine availability and reliability on-wing. The initial setup of the facility will support maintenance work on the CFM LEAP engines, in line with the maintenance services agreement with Safran Aircraft Engines announced in December 2019.

The facility will require a gradual manpower ramp-up to more than 100 staff when it commences operations by January 2022, with options for future new capability and capacity expansion.

The development of this new facility is also part of SIAEC's Transformation Phase 2 programme announced in January 2021, where it will adopt SIAEC's LEAN methodology for operations processes and digital tools such as digital job cards and digital production board.

Vallair expands maintenance operations in Montpellier and Châteauroux with state-of-art 8500 sq.meter hangar

Vallair has signed a letter of Intent with The Centre-Val de Loire Region and The Châteauroux Centre Airport Establishment for ten years. As per the agreement Vallair will provide state-of-the-art full-service aircraft maintenance, repair, overhaul and cargo conversion hangar adjacent to its existing aerostructures repair and logistics facility in Châteauroux, France.

Gregoire Lebigot, CEO of Vallair said, "This is an important step for Vallair as we establish our blueprint for growth. This new facility will be a natural extension of Vallair's existing operations in Montpellier and Châteauroux providing maintenance, lease transfers, modifications, reconfigurations,

aircraft parking and storage as well as repairs of aerostructure and composite elements. In addition to this we will be establishing our own dedicated conversion unit which will showcase Vallair's experience and knowledge of passenger-to-freighter conversions. Our aim is to support our customers through these challenging times and to be prepared for the surge in demand expected from the fourth quarter. Vallair currently has seven aircraft scheduled for such work in Châteauroux, with another five expected over the coming weeks. This will be our initial orderbook."

This new hangar will soon begin to positively impact on local employment through the creation of 200 jobs which

will be divided between Vallair employees and subcontractors.

Lebigot continued, "On behalf of Vallair, I would particularly like to thank Francois Bonneau from The Centre-Val de Loire, and Dominique Roulet from the Châteauroux Centre Airport Establishment and their teams for their continuous support of this project. Our unrivalled focus on mature aircraft assets enables us to provide enhanced sustainability, and we look forward to the contribution this new facility will make towards a future full of opportunities for Vallair."

The 8500 square meter facility will be able to accommodate four A321 size aircraft or a combination of A330 and A321s.

Jet Maintenance Solutions opens the next chapter in expansion by acquiring RAS Group



Jet Maintenance Solutions recently acquired UK-based RAS Group, comprising of RAS Completions Limited and RAS Interiors Limited. RAS Group is a long-established aircraft interior, exterior, and completions company specialising in interior repairs, manufacturing, and exterior paint refinishing for both

VIP and Commercial aircraft.

RAS Group's wide range of aviation services, including aircraft exteriors, VIP and business jet interiors, commercial interiors, paintwork protection, aircraft interior design, aircraft seating, helicopter painting, military aircraft painting and coatings, aircraft galleys, and cabin stowage, makes

the acquisition a valuable one-stop-shop for all aircraft interior and exterior requirements and acts as a bolster for Jet MS's existing position in the market.

The RAS Group is based at Biggin Hill Airport in London which is a world-renowned centre for international business aviation and one of the busiest private airports in Europe.

Jet MS's CEO, Vytis alimas said, "The acquisition of RAS Group gives Jet MS a valuable and complementary range of services to offer its international clients. We are excited to welcome RAS Group's founders Russell Pitt and Chris Ransley, along with their industry-leading team, to our growing family of aviation professionals and we are thrilled about the next chapter of growth for our enlarged and strengthened group of businesses."

In addition to RAS Group's excellent suite of interior and completion services, Jet MS plans to expand the offering to include base maintenance, line maintenance, and spare parts trading services to its clients. To further these goals and ambitions the Jet MS team is working in close cooperation with the airport team with a focus on further improving and expanding capabilities and employment opportunities for the future.

Duncan Aviation to open new Satellite Repair Station in Washington DC

Duncan Aviation will be opening its newest 60,000 square feet Satellite Repair Station about 30 miles from downtown Washington, DC, Chantilly Air's new FBO center. This new endeavor will offer complementary services to maintenance and avionics customers in and around the Manassas Regional Airport (HEF) in Northern Virginia.

Excited at the opening of this new facility, **Matt Nelson, Manager of Duncan Aviation's Satellite Operations** said, "Duncan Aviation is excited to have a presence in this region and honored to be housed in this gorgeous new facility. Additionally, our relationship with Chantilly Air allows both of us to build on our brands to create a strong, local presence."

The state-of-art FBO includes conference rooms, pilot lounge with private snooze rooms, Crew fitness center and private shower facilities, VIP waiting and screening area and much more.



"Staffing for the new Satellite is well underway, and the company is planning to start serving customers in the Mid-Atlantic region in April of this year," Matt added

Duncan Aviation places experienced, talented avionics technicians closer to customers by placing Duncan's Satellites in facilities owned and operated by reliable and esteemed aviation companies like Chantilly Air. Satellite Shops are supported by the full-service

Duncan Aviation Avionics & Instrument Shop at its headquarters in Lincoln, Nebraska. The Satellites, including this newest station in the Chantilly Air hangar, will inspect, install, troubleshoot, service, and repair virtually every type of equipment business aircraft have aboard.

Chantilly Air has been providing maintenance, fueling, and charter-management services for over three decades now.

Weathering pandemic, AvAir's Dublin facility celebrates its first anniversary

AvAir recently celebrated first anniversary of its 25,000 square foot warehouse facility at Dublin Airport. Since opening, AvAir has made many strategic partnerships to provide high-quality and in demand parts to the facility which ensures the parts clients need can be delivered quickly and efficiently.

"Little did we know that the opening of the Dublin facility would soon be followed by a global pandemic," said Mike Bianco, CEO of AvAir. "Despite the challenges the past year presented, our team continued to create strategic solutions for our clients that in turn helped expand our presence worldwide."

The Dublin facility removed nearly 5,000 miles from the total distance inventory traveled, saving both time and money for customers in Europe, Asia, and the Middle East.



"In just one short year we've experienced significant growth with not only our staff, but also in our inventory," said Fjalar Scott, AvAir's vice president of sales for Europe, the Middle East and Africa. "We look forward to another strong year as we

help our clients prepare to get their aircrafts back in service as air travel begins to increase."

AvAir offers customized solutions for customers and suppliers to buy, sell, exchange, loan, lease or consign more than 26 million in-stock aircraft parts.

MAAS Aviation teams up with FL technics to combine painting, parking and base maintenance together



MAAS Aviation, with a vision to combine base maintenance, painting and parking in one location has opened a new purpose-build paint shop at Kaunas Airport in Lithuania, adjacent to FL Technics MRO facilities. This set-up is extremely useful to minimize aircraft ground time which offers economic value and less complexity for lessors. After establishing this new facility MAAS Aviation has experienced a dynamic growth trajectory surpassing 180 per cent

over the past six years.

Zilvinas Lapinskas, CEO at FL Technics said, "As we are headquartered in Lithuania we are excited to be in a position to help MAAS Aviation launch their brand new facility in Kaunas."

Saulius Bajarunas, COO at FL Technics added, "Integrations with trusted partners, such as MAAS Aviation, to deliver complex MRO (base maintenance) services, covering nose-to-tail aircraft delivery, painting and re-marketing projects is a key focus

for us from 2021 onwards."

Tim Macdougald, CEO at MAAS Aviation said, "Demand for our paint shops has always exceeded supply, so this additional capacity supports our growth ambitions and represents a logical next step for us. Our partnership with FL Technics will enable us to combine services for the benefit of airline and leasing company customers that value technologically and environmentally advanced facilities. Together we can offer an outstanding aircraft asset redelivery center-of-excellence."

From a lessor's perspective, combining painting with the other base maintenance capabilities offered by FL Technics offers a streamlined experience, including the management and co-ordination of aircraft redeliveries which is expected to take on an increased relevance post COVID-19 due to the number of aircraft likely to change operator.

The MRO repainting sector is normally cyclical with winter peaks and for many years MAAS has juggled capacity constraints during these periods due to demand from its long-term contracted customers. Currently MAAS Aviation is exploring a lot of other expansion opportunities with respected partners which play to their strengths to deliver their world class services across a wider global footprint.

Ryanair riding strong on sustainable aviation wave

Ryanair has joined the ambitious “Fuelling Flight Initiative” in its commitment to supporting Sustainable Aviation Fuels (SAFs) as an essential element to achieve net-zero carbon emissions in the aviation industry.

Ryanair’s Director of Sustainability, Tom Fowler, said: “We are delighted to join the ‘Fuelling Flight Initiative’. Sustainable Aviation Fuels are a key component of airlines’ efforts on the road to carbon-neutrality. A transparent and future-proof regulatory framework for SAFs can support and equip airlines in their fight against climate change, and we are proud to be part of this initiative.”

Ryanair’s environmental record speaks for itself. Their environmental Policy includes investment in new and more efficient aircraft, support for research into SAFs, elimination of non-recyclable plastics within 5 years and participation in verified carbon projects powered by Ryanair customer donations. With



this new initiative, Ryanair has taken a step further to achieve decarbonisation targets and broader UN Sustainable Development Goals

Pete Harrison, the Executive Director of EU Climate Policy of the European Climate Foundation said: “The ECF is delighted that Ryanair has joined this initiative. Europe must ensure that future policies only promote the most sustainable fuels for reducing the climate impact of aviation, and the EU needs to avoid repeating the mistakes of the past. The current

Renewable Energy Directive does not ensure that fuels used in Europe meet the sustainability standards desired by civil society nor of leading airlines. In the ‘Fuelling Flight Initiative’, aviation companies, research organisations and environmental groups have now reached agreement on this important topic, and we propose shared guidelines on how to minimise environmental impacts. Policymakers should take this into consideration when defining a policy framework that is fair, affordable and meets the highest sustainability standards without compromise.”

This ambitious initiative provides recommendations on the sustainability aspects of the EU’s policy design to support SAFs. Together with environmental groups, fellow airlines and research organisations, the group convenes to reach consensus on the necessary policies for the transition towards carbon neutral flying.

Scandinavian Airlines sign up for fuel-efficient LEAP 1A jet engines to achieve sustainable aviation

Scandinavian Airlines have signed a USD 2.9 billion contract with CFM International for the use of fuel-efficient LEAP-1A jet engines to power their 35 new Airbus A320neo passenger jets. The agreement also includes maintenance of the engines.

Magnus Örnberg, executive vice president and CFO of SAS said, “Our goal is to be industry leaders in sustainable aviation, and we are to reduce emissions by 25 per cent by 2025, in comparison to 2005. This will mainly be enabled by using state-of-the-art technologies allowing for lower fuel consumption and an increase in use of sustainable aviation fuels.”

The LEAP engines lower fuel consumption by 15 per cent, reducing CO₂ emission and make the aircraft quiet compared to their predecessor, the CFM56 by using breakthrough materials and technologies. For example, the company 3D-prints the metal fuel nozzle tips that spray a mixture of fuel and air into the engine’s combustor to make it run more efficiently. The



interior design of the walnut-size part is very complex and difficult to make. But GE Aviation engineers found a way to print it directly from a computer file.

The engine is also using parts made from advanced light and heat resistant material called ceramic matrix composites (CMCs) that can handle temperatures approaching 2,400 degrees Fahrenheit, where even the most advanced alloys grow soft. In general, jet engines can operate more efficiently at higher temperatures.

“I thought it would be the Holy Grail if we could get it inside machines, and get more power and savings out of our jet engines,” said Krishan Luthra, the GE researcher who spent several decades working on the material. “It could really make an impact.”

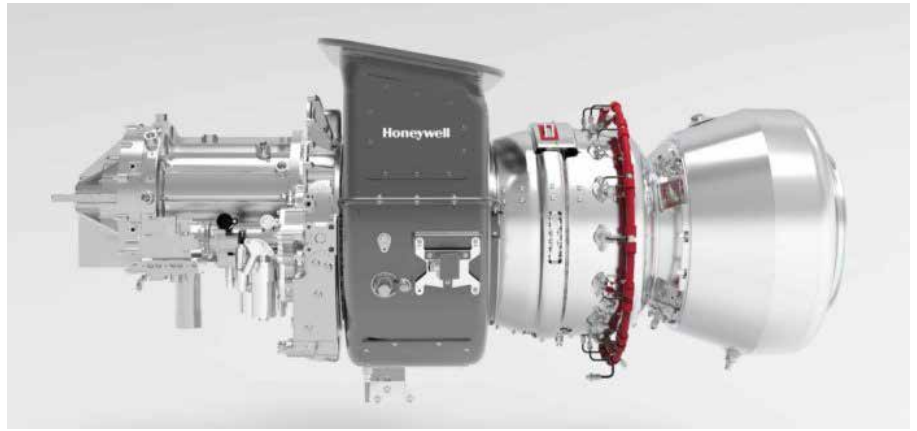
SAS currently operates 44 Airbus A320neo jets and one Airbus A321neo LR powered by the LEAP engine. It plans to introduce two additional A321neo LR as part of its strategy to develop international routes.

Honeywell ‘turbo generator’ to provide electric power for multiple electric motors

Honeywell is developing a Turbogenerator for hybrid-electric aircraft. This 1-Megawatt generator will weigh 280 pounds, almost the same as a motor scooter but delivers enough energy to power an entire neighborhood block. This generator will be combined with Honeywell HGT1700 auxiliary power unit, currently flown on every Airbus A350 XWB, to form a turbogenerator 2.5 times more powerful than its previous version.

The new turbogenerator from Honeywell will be able to run on aviation bio-fuel, including Honeywell Green Jet Fuel, which is chemically similar to fossil fuel but made from more sustainable alternatives, as well as conventional jet fuel and diesel. Honeywell’s turbo generator can be used to operate high-power electric motors or charge batteries and can satisfy missions from heavy-lift cargo drones to air taxis, or commuter aircraft. The first demonstration of this turbogenerator system will occur in the third quarter of 2021, with ongoing development and qualification to follow.

Stephane Fymat, vice president and general manager for Unmanned Aerial Systems and Urban Air Mobility at Honeywell Aerospace said, “There is an inherent need for electric and hybrid-electric power as the urban air mobility segment takes shape and unmanned aerial vehicles enter service. Our turbogenerators provide a safe, lightweight package to serve these



burgeoning segments, and we’re designing our solutions to meet the unique needs of customers developing aerial vehicles of the future.”

Traditionally, aircraft use fuel-burning engines to mechanically turn rotors, propellers or fans. Many new designs, however, use a distributed electric propulsion architecture, in which many electric motors can be tilted or turned off for vertical takeoff and horizontal flight. A Honeywell turbo generator can provide electric power for multiple electric motors anywhere on an aircraft.

Taylor Alberstadt, senior director of Power Systems Business Development at Honeywell Aerospace said, “Honeywell’s unrivaled legacy in the manufacturing of auxiliary power units and larger gas turbine engines gives us the ability to create unique power systems for future

vehicles. We think the future of aviation will include many new types of propulsion and power systems, and Honeywell is prepared to lead the way in their development.”

In December, Honeywell signed a memorandum of understanding with British startup Faradair Aerospace to collaborate on systems and a turbogeneration unit that will run on sustainable aviation fuel to power Faradair’s Bio Electric Hybrid Aircraft (BEHA). Faradair intends to deliver 300 hybrid-electric BEHAs into service by 2030, of which 150 will be in a firefighting configuration. Honeywell is in advanced discussions with several other potential turbogenerator customers, working to help define power requirements based on mission profiles required by various manufacturers.

Bye’s eFlyer 2 fuselage in the final stages of assembly at Composites Universal Group

Bye Aerospace is in the final leg of assembly of fuselage for two-seat all-electric eFlyer 2 with most of the System Specific Certification Plans (SSCPs) nearing completion and in final approval coordination with FAA. Bye has signed a contract with Composites Universal Group (CUG) for the assembly of first major component of the fuselage. Accordingly the production work is currently being carried out at CUG’s Warren, Ore facility. CUG will also assemble the Toray carbon composite wings for the produc-

tion eFlyer 2 aircraft

George E. Bye, CEO of Bye Aerospace, said, “Images of the fuselage assembly illustrate important eFlyer 2 program progress. We appreciate the high-tempo level of support that Steve Ruege, CEO of Composite Universal Group and his great team at CUG are giving to this project. Even with the challenges presented to us by the ongoing Covid-19 pandemic, our team remains laser focused on collaboration efforts with the FAA on the eFlyer 2’s certification program.”

Giving an update on the Bye’s market share George Bye added, “Bye Aerospace now has a backlog of 717 purchase deposit agreements for eFlyer 2, four-seat eFlyer 4 and other Bye Aerospace all-electric aircraft. We are closing several new agreements and expect to make additional market announcements very soon.”

Bye Aerospace estimates the eFlyer will eventually eliminate the release of millions of metric tons of CO₂ each year as its deliveries begin and the general aviation fleet is replaced.

Rolls-Royce set to power Vertical Aerospace's all-electric aircraft

Rolls-Royce's ground-breaking technology is set to power Vertical Aerospace's flagship Urban Air Mobility (UAM) aircraft. A Rolls-Royce electrical power system will be integrated into the piloted all-electric vertical take-off and landing (eVTOL) vehicle, which will carry up to four passengers for 120 miles at cruise speeds of over 200mph and is on course to certify in 2024.

Vertical Aerospace is a key collaboration for Rolls-Royce Electrical as it marks the first commercial deal in the UAM market and builds on previous agreements to work with partners on demonstrator programmes. Rolls-Royce will design the system architecture of the whole electrical propulsion system, the electric power system that includes our latest 100kW-class lift and push electrical propulsion units, the power distribution and the monitoring system that will support operations.

Rob Watson, Director – Rolls-Royce Electrical, said: "We are delighted to collaborate with Vertical Aerospace for the electrical technology that will power their pioneering eVTOL aircraft.

This exciting opportunity demonstrates our ambitions to be a leading supplier of sustainable complete power systems for the new Urban Air Mobility market which has the potential to transform the way that people and freight move from city to city."

Michael Cervenka, CEO – Vertical Aerospace said: "We are excited to collaborate with Rolls-Royce, bringing onboard a hugely experienced team with deep expertise and cutting-edge electrical technologies to power our pioneering eVTOL aircraft. This collaboration builds on our existing partnerships and Vertical is well-positioned to develop the world's leading eVTOL aircraft, certified to the highest CAA and EASA safety standards being set globally."

Around 150 Rolls-Royce engineers based in countries including Hungary, Germany, US and the UK will work with the Vertical Aerospace team on developing the aircraft which is aiming to be one of the world's first certified eVTOLs. Vertical Aerospace, based in Bristol, has already flown multiple full-scale eVTOL proto-

types and the build of VA-X4 will begin shortly with assembly taking place in the UK and the first flight happening this year.

Electrification of flight is an important part of Rolls-Royce's sustainability strategy and supports their aim to contribute to a net zero carbon future by 2050. Rolls-Royce Electrical is a specialist team whose focus is to develop sustainable, efficient and quieter technology for aviation, marine, land and industrial applications.

Rolls-Royce also recently announced a partnership with Tecnam and major worldwide aviation players for the development of the P-Volt: an all-electric, twin electric motor, short and medium range passenger aircraft, designed for maximum versatility and safety, powered by renewable energy. In our traditional aviation segments technology continues to be developed for more-electric aircraft solutions - with integrated electrical starter generators, auxiliary power units and more intelligent management of the electrical systems on board.



FRANCE AIR EXPO LYON

14th EDITION

THE ONLY GENERAL AVIATION
EXHIBITION IN FRANCE

3-4-5 JUNE 2021

LYON BRON AIRPORT - FRANCE

www.franceairexpo.com

ULTRALIGHTS • AIRCRAFT • HELICOPTERS • MANUFACTURERS • EQUIPMENTS •
ACCESSORIES • FLIGHT SCHOOL TRAINING • SERVICES • AVIONICS •
INSURANCE • FINANCING • MAINTENANCE • FBO



Unmanned Loyal Wingman takes flight in Australia, Boeing defense rejoice!

Boeing Australia and Royal Australian Air Force have achieved another milestone by successfully completing the test flight of Loyal Wingman uncrewed aircraft. The first test flight flew under the supervision of a Boeing test pilot monitoring the aircraft from a ground control station at the Woomera Range Complex.

Air Vice-Marshal Cath Roberts, RAAF Head of Air Force Capability said, "The Loyal Wingman's first flight is a major step in this long-term, significant project for the Air Force and Boeing Australia, and we're thrilled to be a part of the successful test. Through this project we are learning how to integrate these new capabilities to complement and extend air combat and other missions."

The Loyal Wingman project is a pathfinder for the integration of autonomous systems and artificial intelligence to create smart human-machine teams. Following a series of taxi tests validating ground handling, navigation and control, and pilot interface, the aircraft completed a successful takeoff under its own power



before flying a pre-determined route at different speeds and altitudes to verify flight functionality and demonstrate the performance of the Airpower Teaming System design.

Thrilled at the achievement Boeing Defense, Space & Security President and CEO Leanne Caret said, "Boeing and Australia are pioneering fully integrated combat operations by crewed and uncrewed aircraft. We're honored to be opening this part of aviation's future with the Royal Australian Air Force, and we look forward to showing others how they also could benefit from our loyal wingman capabilities."

About 35 Australian industry teams and Boeing's innovative processes, including model-based engineering techniques, such as a digital twin to digitally flight-test missions manufactured this aircraft from design to flight in three years. Additional Loyal Wingman aircraft are currently under development, with plans for teaming flights scheduled for later this year.

This aircraft is the first military aircraft to be designed and manufactured in Australia in more than 50 years serving as the foundation for the Boeing Airpower Teaming System being developed for various global defense customers.

Australian Government continued investment in Boeing's Loyal Wingman program

After the successful take off of Loyal Wingman, Australian government has decided to co-develop another three Loyal Wingman aircraft with Boeing Australia to advance the air-teaming vehicle, payloads and associated support and training capabilities. This extended agreement will be valued at USD 115 million over three years and increase the production capability for Royal Australian Air Force to six aircraft. The Loyal Wingman is the first military combat aircraft to be designed, engineered and manufactured in Australia in more than 50 years.

"The Australian government's continued investment in the innovative Loyal Wingman program will create jobs and opportunities for over 35 Australian suppliers and small businesses, including BAE Systems Australia, RUAG Australia, AME



Systems and Ferra Engineering," said **Dr. Brendan Nelson, president of Boeing Australia, New Zealand & South Pacific.**

Dr. Shane Arnott, program director of the Boeing Airpower Teaming System

said, "In addition to progressing the air vehicle design and support system, we will further develop the aircraft's mission system including advanced AI decision-making capabilities and new payloads. Continued digital engineering and significantly expanded live testing of the system will provide RAAF and Boeing with the ability to jointly take the concept to the next level, activities that are critical for us to rapidly understand how the Airpower Teaming System can be employed in the future battlespace.

The contract will support the maturation of the aircraft design, evolution of current and future payloads, and create the sustainment system for the aircraft in operations. It will also advance Airpower Teaming System advanced concepts through digital testing and demonstration.

BAE to produce electronic warfare and countermeasure system for US Air Force F-15

Boeing has signed a USD50 million contract with BAE Systems to start the Low Rate Initial Production (LRIP) of F-15 Eagle Passive Active Warning and Survivability System (EPAWSS) for the US Air Force. The electronic warfare (EW) and countermeasures system provides advanced electromagnetic capabilities that protect pilots and help them maintain air superiority during their toughest missions.

Jerry Wohletz, vice president and general manager of Electronic Combat Solutions at BAE Systems said, "The start of EPAWSS production marks a critical milestone and is a testament to the dedication and commitment of our industry team. Our technology is cutting-edge, our factories are world-class, and our people are innovative and mission-focused."

The all-digital EPAWSS enables pilots to monitor, jam, and deceive threats in contested airspace. The system combines multispectral sensors and countermeasures, industry-leading signal processing, microelectronics, and intelligent algorithms to deliver fully integrated radar warning, situational awareness, geolocation, and self-protection capabilities.

The successful completion of a series



of rigorous flight tests, ground tests, and intensive technology demonstrations led to the US Air Force decision to proceed with LRIP. During the program's Engineering and Manufacturing Development phase, BAE Systems is delivering incremental updates to the EPAWSS flight software with new geolocation and threat identification capabilities. As a result, system performance continues to improve in ground/flight test and in dense signal environments in hardware-in-the-loop (HiTL) tests at the U.S. Air Force's Integrated Demonstrations and Applications Laboratory.

"I'm proud of the overall team for their incredible effort on this program," said F-15 EPAWSS program manager Lt Col

Dan Carroll. "The LRIP milestone is the culmination of years of hard work by a lot of great people within the government and our Boeing and BAE Systems industry partners. EPAWSS will significantly improve the survivability and utility of the F-15, and will be a great complement to what is already a very capable and lethal aircraft."

BAE Systems has also demonstrated EPAWSS' hardware maturity and manufacturing readiness. In anticipation of EPAWSS LRIP and other critical EW production needs, the company has invested more than USD 100 million in world-class EW laboratories and factories, and has grown its workforce of innovative, mission-focused experts.

Expanding Unmanned Aircraft Systems for Korean Defense Forces

The Korea Aerospace Industries and Elbit Systems signed a Memorandum of Understanding (MOU) to expand cooperation in the field of Unmanned Aircraft Systems (UAS). The cooperation will address potential UAS programs for the Korean Defense Forces, as well as additional global customers. The companies will cooperate to develop the next generation UAS solutions for intelligence, surveillance, target acquisition, and reconnaissance (ISTAR) missions, based on both companies' technological experience in the unmanned field.

Elbit Systems is a leading UAS manufacturer with a portfolio of more than 10 different unmanned platforms from tactical drones up to 1.5 ton Medium Altitude Long



Endurance UAS (MALE). Korea Aerospace Industries has been taking a leading role in the Korean national aerospace industry with successful development of the KT-1 and T-50 Trainers, KUH-1 and LAH/LCH

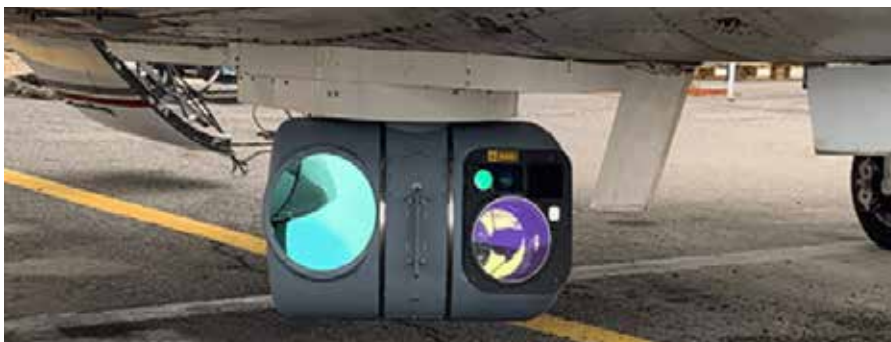
Helicopters, KFX Fighter (on-going), and satellites and space launch vehicles. KAI is also the pioneer in the Korean national UAS industry by developing the tactical UAS for the Korean Defense Forces.

Elbit systems latest multi sensor payload to enhance visibility during aerial target tracking

Elbit Systems recently unveiled the next generation of Advanced Multi-Sensor Payload System (AMPS NG), adding Short-wave Infrared (SWIR) technology to the existing day CCD (Charge-Coupled Device) TV sensors, and a unique highly capable dual FLIR sensor design.

Packed in the widely fielded two line-replacement unit (LRU) AMPS pod, the AMPS NG offers extended capabilities in all conditions, dramatically extending observation performance in limited visibility conditions, using its SWIR channel to effectively overcome high humidity, smoke or dust.

In recent flight tests that were conducted in Israel, the new system was able to produce high resolution imagery of a football game in MWIR channel from a distance of 25km and aerial target tracking of the Hermes 900 in SWIR channel from dozens of kilometers.



AMPS NG is fully qualified to extreme operational conditions and is in final integration stages and flight tests onboard an Unmanned Aircraft for a European Air Force.

Similar to the legacy AMPS, the new system is optimized to enhance and increase the throughput of target intelligence production which is facilitated

by autonomous navigation with an inertial system and GPS, as well as highly accurate geo-pointing and geo-location capabilities. AMPS NG is also suitable for a range of airborne intelligence Stand-off and Stand-in mission profiles and is ideal for use of both manned as well as unmanned aircraft (MALE & HALE UAS).

AVIATION WEEK
MRO
AMERICAS

April 27-29, 2021

Orlando, FL:

In-person/livestream conference and in-person networking

May 4-5, 2021:

On-demand content and virtual meetings/networking



Informa
AllSecure

Safety protocols in place

Attend Live or Virtual

Recovery

State of the Airlines

Products & Services

Forecast & New Trends

Network

2021 & Beyond

Learn more at: mroamericas.aviationweek.com

#MROAM | [f](#) [in](#) [t](#) [y](#) [v](#)

Korea Aerospace Industries and IAI join hands to strengthen Republic of Korea's defense

Korea Aerospace Industries (KAI) and Israel Aerospace Industries (IAI) have signed a Memorandum of Understandings (MOU) for collaboration in which the companies will offer the Republic of Korea (ROK) military forces with unmanned Loitering Munitions systems.

KAI's President CEO, Hyun-ho Ahn expressed the importance of partnership between IAI and KAI. He said, "This partnership has lasted for decades for many programs including defense and commercial projects. Through the combination of domestic aircraft technology and IAI's excellent unmanned aerial system technology, IAI and KAI would provide a foothold for innovation, such as strengthening the defense power of the Republic of Korea and commercializing exports in the future." He further emphasized that KAI is pleased to initiate the collaboration dialogue with IAI team in earnest through these MOUs.

IAI's President CEO, Boaz Levy said, "The MOU's signed today is another milestone in our growing collaboration with KAI. IAI



has long relations with the ROK and the local industries and we are happy to join KAI, one of Korea's leading companies to explore future opportunities. Combining IAI's proven capabilities in loitering munitions and KAI's technologies and products

to create an opportunity for an improved solution to the future battlefield".

As part of the MOU, KAI and IAI are aiming to expand their long cooperation to market the loitering munitions to ROK Army requirements.

Hindustan Aeronautical Engineering to develop Digital Overhead HUDs for Elbit Systems



Hindustan Aeronautical Engineering (HAL) has recently entered into an agreement with Elbit Systems Electro Optics Elop Ltd., Israel for supply of Digital Overhead Head Up Display Systems (DOHS). The Digital

Overhead HUDs will be initially manufactured in existing facility of HAL's Division at Korwa, India. A dedicated facility will be augmented progressively in proportion of manufacturing volume.

HAL and Elbit Systems have envisaged a mutual co-operation to upgrade its technological base and acquire high end technology on Digital Overhead HUD System which is primarily used in transport aircraft worldwide. The Digital Overhead HUD with modern optics provides sharp brightness, larger field of view and larger head motion box.

Earlier, HAL's Korwa Division entered into licensed Transfer of Technology agreement with ELOP Electro-Optics Industries Ltd, Israel for setting up the D-level maintenance and manufacturing facilities of CRT based HUD (front) in the year 2000 and 2003, respectively. More than 500 HUDs have been supplied for various Indian platforms such as Su-30MKI, Jaguar and MiG-27M upgrade

SPIRIT AEROSYSTEMS ANNOUNCES MINDY MCPHEETERS AS VP, GENERAL COUNSEL AND CORPORATE SECRETARY

Mindy McPheeters recently took over the role of Senior Vice President General Counsel and Corporate Secretary of Spirit AeroSystems effective immediately. McPheeters will be a member of Spirit's Executive Leadership Team and report directly to Tom Gentile, President and Chief Executive Officer for Spirit AeroSystems.

McPheeters had been serving as Interim General Counsel for Spirit AeroSystems prior to her permanent placement in this role. Previously, McPheeters was Vice President, Deputy General Counsel, for Spirit AeroSystems.

Tom Gentile, President and Chief Executive Officer for Spirit AeroSystems said, "Mindy has gained an understanding of the many facets of our business and our industry during her tenure with the company. I look forward to her contributions as a member of our Executive Leadership Team as we continue to transform Spirit into a more diversified company."

During her six years at Spirit, McPheeters has also held positions overseeing various aspects of Legal, including Litigation, Commercial, Employment and Compliance. Prior to joining Spirit, McPheeters served as In-house Counsel for Delta Dental of Kansas.



COBI LANE APPOINTED AS DIRECTOR OF PRODUCTION OPERATIONS AT DUNCAN IN PROVO, UTAH



Cobi Lane is appointed as the Director of Production Operations in Provo, Utah. Lane will be responsible for leading the Airframe, Engine and Modifications production areas at Duncan Aviation's newest full-service facility. He brings a wealth of knowledge and experience to this new position, having worked as a Tech 2 Mechanic, Senior Tech, Mechanical Team Leader, Shift Leader, Service Team Manager, Operations Manager, and Director of Customer Service over the last 21 years. Prior to beginning his career in the business aviation industry, Lane served in the United States Air Force for seven years and worked on maintenance for the KC-135R model tanker.

Executive VP and COO of Duncan Aviation's Provo facility Chad Doehring said, "I'm confident that under Cobi's leadership our Airframe, Engine and Modifications business

will continue to grow and flourish. We are excited that Cobi has joined the team here in Provo, and we know he'll serve our customers well."

On his appointment Lane said, "I'm looking forward to using my relationship-building skills as I meet with fellow team members, learn the various teams, and get started working with our customers. I'm also looking forward to getting to work and executing on behalf of Duncan Aviation and its customers so we can continue being the best of the best."

In addition to his myriad work experience, Lane also earned a Bachelor's Degree in Professional Aeronautics from Embry-Riddle Aeronautical University in Daytona Beach, Florida, and he subsequently earned his Airframe and Powerplant licenses.

RALF DREES TO TAKE OVER AS THE NEW HEAD OF RUAG AEROSTRUCTURES

Ralf Drees is appointed as the Head of Aerostructures at RUAG International. He will take over from Dirk Prehn who will be leaving RUAG Aerostructures after six years of service.

Commenting on his appointment Ralf Drees said, "My task is clear: to make Aerostructures fit for the future in view of the new market conditions and lower production rates."

Recently Ralf Dreesturned around a site in France at the STS Group with sales of around 180 million euros and a negative EBIT within one and a half years. He can draw on expertise from more than 20 years in the automotive and aviation industries.

André Wall, CEO of RUAG International, said, "With Ralf Drees, we are gaining a manager who is hands-on and will also implement the necessary strategic adjustments in close coordination with our main customers. In doing so, we will benefit massively from his expertise in lean management, the Toyota Production



System and value stream mapping."

Ralf Drees began his career with MTU in Munich, where he held various positions for 13 years before joining BMW-Rolls Royce in 1992. This was followed by positions as plant manager for Caradon in Austria and Holland and as production manager for ABB and later Fairchild

Dornier and Colfax. In 2007, Ralf Drees moved to the Dräxlmeier Group as plant manager and in 2010 took over the Chief Operation Officer role for Boshoku Automotive GmbH. His last two positions were with aircraft systems supplier FACC Operations and plastics manufacturer Polytec Composites.

KLM UK ENGINEERING APPOINTS PERWIEN MERIWANI AS MANAGING DIRECTOR

KLM UK Engineering Limited has appointed Perwien Meriwani as the Managing Director effective 1st July 2021. Perwien Meriwani started her career in 2009 with KLM and held several operational management positions followed by Director Aircraft Maintenance, and VP Human Resources Engineering & Maintenance.

On learning of her appointment, Perwien Meriwani said, "I am very proud to be appointed Managing Director of KLM UK Engineering Limited. I look forward to working with the team at KLM UKE to further develop and grow our MRO business with focus on customer centricity. Safety, quality and predictability of maintenance are key factors for guaranteeing operational and financial performance of an airline. My goal is to continuously improve and adapt ourselves to the expectations of our customers."

KLM UK Engineering is an AFI KLM E&M subsidiary specializing in maintenance solutions for regional and narrow-body aircraft fleets based in Norwich.



TODD WHEELER JOINS ELLIOT AVIATION AS DIRECTOR OF MAINTENANCE

Todd Wheeler is appointed as the director of maintenance services by Elliott Aviation at their Des Moines, IA facility. Todd has rejoined Elliott Aviation with over 30 years of aviation experience with half of his career dedicated towards performing inspections, maintenance, and repairs on P&W PT6, JT15D, PW300, and PW500 series engines during his tenure with Dallas Airmotive.

Prior to his role as Regional Field Service Representative with Dallas Airmotive, he began his career with Elliott Aviation holding various positions including Assistant Service Manager in Des Moines and later Service Manager at their Moline facility. He is an FAA Airframe and Powerplant licensed technician and has multiple airframe and engine training certifications.



Sam Elliott, Vice President and General Manager of Elliott Aviation's Des Moines facility said, "Todd is a tremendous resource. He has decades of experience managing large service events, both airframe and engine. He has a great rapport with customers

and we're happy to welcome him back to Elliott Aviation."

Todd will be responsible for overseeing all scheduled and unscheduled maintenance events at Elliott Aviation's Des Moines facility. This includes the day-to-day operations and customer interaction.

UWE ZACHAU TAKES OVER AS MD AND CEO AT MTU MAINTENANCE CANADA



Uwe Zachau, with over 15 years' experience in the maintenance, repair and overhaul business has assumed the position of Managing Director and CEO of MTU Maintenance Canada.

Michael Schreyögg, Chief Program Officer, MTU Aero Engines said, "We are delighted that Uwe Zachau will be heading up our facility in Delta, B.C. Zachau takes

over from Helmut Neuper, who ran the facility over the past four years and left the company of his own accord. Thanks to Helmut Neuper for his commitment over the past years. We wish him all the best in his future endeavors."

"We are confident Uwe's extensive experience within the MTU family will make him the perfect leader to steer the

facility and drive innovation forward in the coming years," added Schreyögg. As Managing Director and Chief Operating Officer of EME Aero, he oversaw the construction and introduction of a green-field facility specialized in MRO for the GTF family of engines. Zachau combines this operational experience with valuable knowledge in the field of industrial engineering and the implementation of new programs and technologies into MTU's MRO shops.

MTU Maintenance Canada repairs and overhauls engines and accessories and performs engine tests. The company holds licenses for work on the CF6, CFM56 and V2500 engine families. Alongside accessory repairs, the Canadian engines experts also offer their customers so-called Line Replaceable Unit (LRU) management services which play an increasing role in MTU's service offerings. Last year, the company signed two significant contracts with the United States Air Force and GE Aviation for F108 and F138 engine services, securing workload for the facility for years to come.

BENJAMIN MURRAY SUCCEEDS EMLYN DAVID AS PRESIDENT AND CEO OF SKYSERVICE

Benjamin Murray has succeeded Emlyn David as CEO of Skyservice. He will continue the company's commitment to safety and service excellence while leading the company to a new chapter of growth and global expansion.

On his appointment Mr. Murray said, "I am grateful to Emlyn and the entire Skyservice team for their warm welcome and the opportunity to partner together in accelerating our company's growth and industry leadership. Together, we will harness our strengths and exceptional brand to continue to succeed, build our platform and deliver service excellence."

Mr. Murray has more than 20 years of leadership and operational experience in business aviation in North America, including progressively responsible roles with NetJets Inc. the largest private aviation company in the world, including as President and Chief Executive Officer of its subsidiary Executive Jet Management, where he doubled revenue in less than two years, enhanced the breadth and quality of its services, and strengthened its profitability and market position.

Gregory J. Smith, President and Chief



Executive Officer of InstarAGF Asset Management Inc said, "On behalf of the Board, I thank Emlyn for his contributions to Skyservice, including directing the com-

pany's growth over the past 14 years and his instrumental role in building Canada's first top tier business aviation centre at Toronto's Pearson International Airport. We are delighted that Emlyn will continue to serve as an advisor to Skyservice and the Board on the company's expansion plans and business strategy."

Emlyn David, former Chief Executive Officer of Skyservice said, "Over the past four months, Ben and I have collaborated closely on this transition, which positions the company for a bright future. I am thrilled to continue working with Ben and the Board to expand Skyservice's footprint, including in the United States, and to work with InstarAGF on other new initiatives."

Mr. Murray also served with Landmark Aviation as President, Aircraft Management and Charter, building the enterprise into the second largest aircraft management company in the United States. Prior to joining Skyservice in November 2020, Mr. Murray was Founder and Managing Member of North Star Solutions, LLC, a corporate aviation consulting company serving the aviation and mobility needs of international blue-chip clients.

OLAF CHRISTOPH JOINS THE BUSINESS DEVELOPMENT TEAM AT SR TECHNICS

Olaf Christoph has joined SR technics after stepping down from GE Aviation where he worked as a Sales Director for new engines and engine services almost two decades. He will be joining the Business Development team at SR Technics headed by Senior Vice President Caroline Vandedrinc.

Prior to GE Aviation where he handled the accounts of several major airline customers in the European region, he spent a decade in various manufacturing roles, including quality management, production and industrial engineering.

Commenting on the appointment, Jean-Marc Lenz, Chief Executive Officer said, "The Business Development Team under Caroline Vandedrinc has brought together a talented group of individuals to spread the word on our flexible, fully customized MRO services. Despite the current economic challenges, we are confident that this team will help us expand our reach and ensure we prosper when the market rebounds."

Despite the current challenging situation SR technics is confident that they will continue to accelerate growth in



the core areas such as engine services and line maintenance thus consolidating our strong position on the MRO market, leveraging opportunities

based on the current industry outlook and emphasizing its longstanding commitment to an outstanding customer experience.

PAUL ADAMS JOINS ROLLS ROYCE AS THE NON-EXECUTIVE DIRECTOR

Paul Adams is recently appointed as the Non-Executive Director at Rolls Royce. He will join the board with immediate effect and become a member of the Nominations & Governance Committee, the Safety, Ethics & Sustainability Committee and the Science & Technology Committee.

Ian Davis, Chairman of Rolls-Royce said, "I am delighted to welcome Paul to our Board. He has deep experience across the aerospace industry and in engine manufacturing in particular, gained from over 30 years of leadership experience in the aviation industry. He will be a great asset to both our Safety, Ethics & Sustainability Committee and our Science & Technology Committee. We are looking forward to working with him."

Paul has spent much of his career with Pratt & Whitney where he held various senior management roles including chief operating officer before serving as president until 2016. He left Pratt & Whitney to become chief operating officer at Precision Castparts, the world's



largest supplier of aerospace metal, castings and forgings, a position he held until his retirement in 2018.

Paul Adams said, "I am delighted to be joining the Rolls-Royce Board. I am looking forward to being part of a major international business in an industry I remain passionate about."

Paul has a degree in aerospace engineer-

ing from the University of Michigan and in 2013 was inducted to the National Academy of Engineering, Washington DC. He started his career with Williams International where he held various engineering, operations and programme management positions. Paul is currently a non-executive director of OC Oerlikon Corporation AG and Aerion Supersonic.

MATT MCGINN APPOINTED AS BOMBARDIER SERVICE SALES REP AT DUNCAN



Matt McGinn is appointed as Bombardier Service Sales Representative at Duncan Aviation. In this position McGinn will assist Bombardier operators in planning for maintenance events and provide quotes for these work scopes.

Sales Manager Troy Nail is excited that McGinn accepted the position. He said, "Matt is an experienced and capable leader with a great customer following. He will excel in this new role. He brings years of experience with Bombardier aircraft and that technical knowledge will help customers as they explore the maintenance services offered by Duncan Aviation."

On his appointment McGinn said, "I grew up around

Duncan Aviation. My dad, Kevin McGinn, was a Duncan Aviation Regional Manager and worked here for 35 years. With my technical background on Bombardier products, I'm ready to provide help customers navigate their options and provide a great experience throughout the entire process."

McGinn has been at Duncan Aviation for seven years, and has worked his way up to a Bombardier Airframe Team Leader, working on Challenger, Global and Learjet airframes.

McGinn was born and raised in Lincoln, Nebraska, and at the age of 25 joined the US Navy where he was an Aviation Structural Mechanic working on MH-60S helicopters.

International CALENDAR



2021

**9-10
FEB**

Saudi Drones Summit and Expo
Riyadh, KSA

**3-5
JUN**

France Air Expo
Lyon Bron Airport – LFLY

**22-23
JUN**

Aviation Festival Asia 2020
Suntec Convention Centre,
Singapore

**15-16
SEPT**

**16th Annual MRO Russia & CIS 2021
conference and exhibition**
Moscow World Trade Center

Contact Us
For Advertisement
For Editorial

:
:
:

info@mrobusinesstoday.com
swati@mrobusinesstoday.com
editorial@mrobusinesstoday.com