

Boeing forecasts China's annual passenger traffic growth to be 5.5 per cent over 20 years

Pg **05**

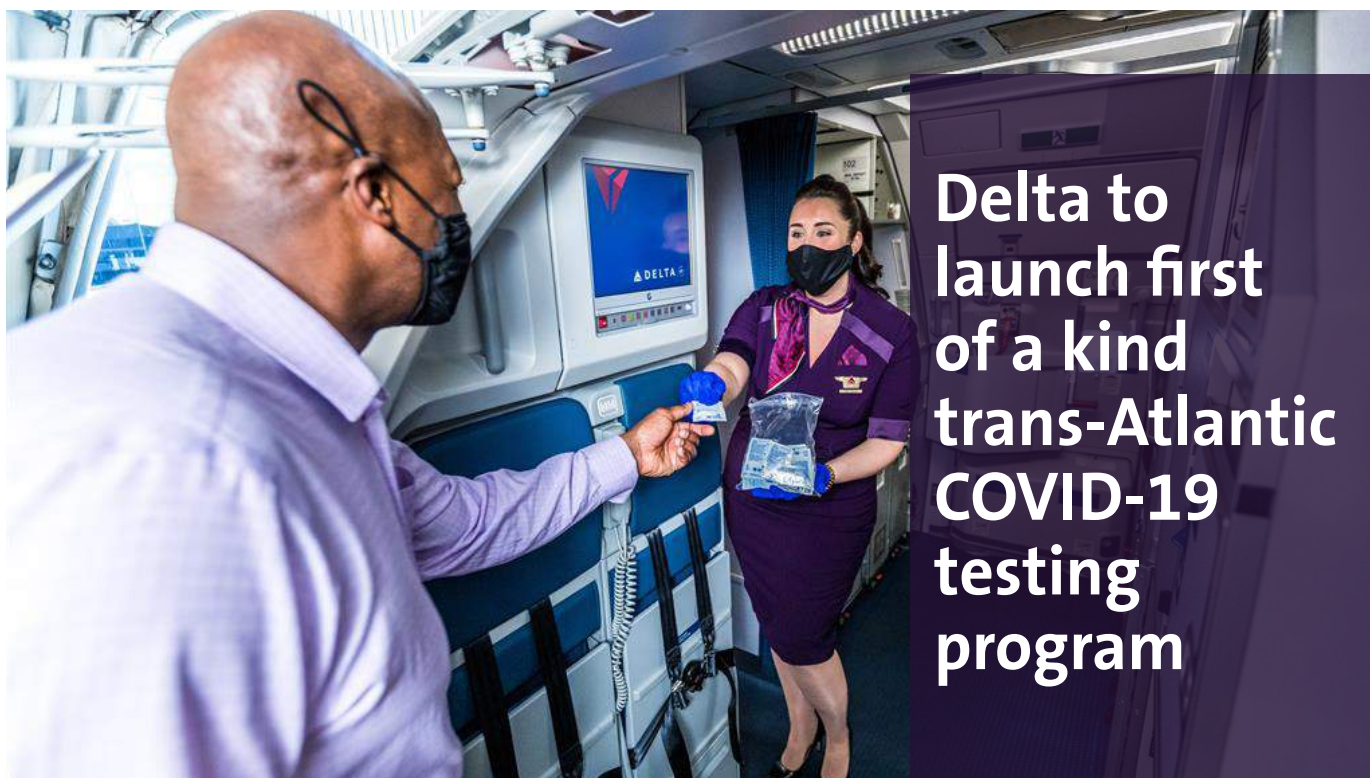
Airbus opens 51,000 square meter brand new integrated campus at Singapore's Seletar park

Pg **15**

French Navy awards Dassault Aviation's Falcon 2000 Albatros with a multi-year contract

Pg **25**

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Delta to launch first of a kind trans-Atlantic COVID-19 testing program

Delta Air Lines, the Aeroporti di Roma and Hartsfield-Jackson Atlanta International Airport have joined in a first-of-its-kind trans-Atlantic COVID-19 testing program that will enable quarantine-free entry into Italy, in accordance with a decree expected to be issued soon by the government of Italy.

"Carefully designed COVID-19 testing protocols are the best path for resuming international travel safely and without quarantine until vaccinations are widely in place," said Steve Sear, Delta President – International and Executive Vice President – Global Sales. "Safety is our core promise – it's at the centre of this pioneering testing effort and it's the foundation of our standards for cleanliness and hygiene to help customers feel confident when they fly Delta."

Delta has engaged expert advisors from Mayo Clinic, a global leader in serious and complex healthcare, to

review and assess the customer-testing protocols needed for Delta to execute a COVID-tested flight program.

"Based on the modelling we have conducted, when testing protocols are combined with multiple layers of protection, including mask requirements, proper social distancing and environmental cleaning, we can predict that the risk of COVID-19 infection – on a flight that is 60 per cent full – should be nearly one in a million," said Henry Ting, M.D., M.B.A., Chief Value Officer, Mayo Clinic.

Delta has also worked closely with the Georgia Department of Public Health to develop a blueprint for governments to reopen important international travel markets.

"The State of Georgia and the Italian government have demonstrated leadership in testing protocols and practices that can safely reopen international travel without quarantine require-

ments," Sear added.

Starting mid-december, Delta's dedicated trial will test customers and crew on newly re-launched flights from Hartsfield-Jackson Atlanta International Airport to Rome-Fiumicino International Airport. The tests will exempt from quarantine on arrival in Italy all U.S. citizens permitted to travel to Italy for essential reasons, such as for work, health and education, as well as all European Union and Italian citizens.

To fly on Delta's COVID-tested flights between Atlanta and Rome, customers will need to test negative for COVID-19 through:

- A COVID Polymerase Chain Reaction (PCR) test taken up to 72 hours before departure
- A rapid test administered at the airport in Atlanta before boarding
- A rapid test on arrival in Rome-Fiumicino

CONT.. PG 2

CONT.. PG 1

- A rapid test at Rome-Fiumicino before departure to the United States

Customers also will be asked to provide information upon entry into the US to support CDC contact-tracing protocols.

Aeroporti di Roma earlier this year implemented a successful intra-Italy COVID-tested flight trial with Delta's Italian codeshare partner Alitalia and is the only airport in the world to have

obtained the maximum five-star rating from Skytrax on its anti-COVID health protocols. Rome-Fiumicino Airport serves over 40 million passengers a year and has been rated Europe's Best Hub Airport for a third year in a row by Airports Council International.

The health and safety of customers and employees remains Delta's No. 1 priority. Customers onboard Delta's COVID-tested flights will additionally

benefit from the more than 100 safety and cleanliness initiatives the airline has implemented across its operation based on expert insights from collaborations with Mayo Clinic, Purell, Emory University and Lysol. As part of the Delta CareStandard, the airline is blocking middle seats through March 30, 2021, ensuring rigorous mask compliance, electrostatically cleaning cabins before all flights and more.

Increasing importance of biometric enabled simplified, seamless travel experience for passengers



Star Alliance, the world's largest airline alliance, has completed development of an interoperable biometric identity and identification platform that will significantly improve the travel experience for frequent flyer programme customers of Star Alliance member airlines. The Star Alliance Biometrics platform advances the vision of Star Alliance member airlines of delivering a seamless customer journey, while strengthening loyalty value proposition within its travel ecosystem.

Jeffrey Goh, CEO of Star Alliance said, "We are exceedingly proud to have founding member Lufthansa as the first airline to implement the Star Alliance Biometrics solution in both of its Frankfurt and Munich Airport hubs. This is a customer-centric solution that furthers our credentials in innovation, particularly its multi-airline and multi-airport capability. Whilst it offers a seamless



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customer travel experience, it is also a critical development that addresses the expectation of customers for a more touchless and hygienically safer experience. Star Alliance Biometrics is a key part of our strategy to be the most digitally advanced global airline alliance."

Lufthansa Group (LHG) airlines, Lufthansa (a founding member of Star Alliance) and SWISS will be the first to use Star Alliance Biometrics for selected flights starting in November. Specific infrastructure is being installed at hub

airports Frankfurt and Munich, reaping operational benefits at both locations. Members of the Lufthansa and SWISS Miles & More Frequent Flyer Program who opt-in to biometrics will be able to pass through both security access and boarding gates in a touchless manner, an important health and hygiene safety measure in times of COVID-19.

Christina Foerster, Member of the Board, Customer, IT & Corporate Responsibility, said "The topic of biometrics will become increasingly important when travelling in the future. Especially during the pandemic, such touchless processes at the airport are a big plus. In the Lufthansa Group, biometric technology and solutions will increasingly ensure simplified and more efficient processes at airports, thereby significantly improving the travel experience of our passengers. I am very pleased that with Star Alliance Biometrics we will be able to offer interested frequent flyers biometric security checkpoint access and boarding via facial recognition at our Frankfurt and Munich hubs as from November. This is an important milestone for us."

In keeping with the requirement to wear masks in the airport terminal, it is not required to remove the mask for the biometric identity check. The identification process works for passengers wearing masks. The Star Alliance Biometrics service is built upon NEC Corporation's NEC I:Delight biometric and identity management platform software. The secure service is available at no cost to customers of the Miles & More program who have consented to share their biometric data with stakeholders of their choice during travel.

Trials for facial biometrics at airport increase, Abu Dhabi Airport joins the fray

Etihad Airways and SITA have partnered to trial the use of facial biometrics in order to check in cabin crew at the airlines Crew Briefing Centre at Abu Dhabi International Airport. The trial will use facial recognition technology to identify and authenticate crew members, allowing them to complete check-in procedures and mandatory pre-flight safety and security questions digitally via their own mobile devices. The new initiative will replace the current kiosk-based check-in process which requires crew to use their staff identity cards as a form of authentication.

Captain Sulaiman Yaqoobi, Vice President Flight Operations, Etihad Aviation Group said, "Etihad is constantly on the lookout for innovative solutions and new technologies that will drive improvements in the airline's operations and enhance the experience for guests and employees. Etihad is excited to partner with SITA to explore the potential that facial biometric services has for the aviation industry. By integrating contactless technology, biometric services will increase efficiency while simultaneously cementing our commitment to reducing the spread of COVID-19 by limiting physical touch points and maximising social distancing measures."

As part of the airline's digitalisation strategy, facial biometric technology is expected to improve operational efficiency by speeding up the existing check-in process and automating crew time and attendance management and access controls. Cabin crew will also experience a seamless and contactless check-in experience.

Roger Nakouzi, Vice President Sales, SITA added, "We are proud to partner with Etihad to design and implement a secure biometric system that offers a smarter and more efficient working environment for crew while solving a key operational challenge of the pandemic by reducing contact points. SITA has extensive experience in both mobile and biometric technology solutions having developed and implemented SITA Smart Path at airports globally, enabling a seamless, low touch passenger experience while increasing airport efficiencies."

The trial will continue until February 2021 and will provide the airline with invaluable data to explore future exploration of biometric technology for use in guest operations, such as check-in and boarding.

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Delivering scalable and agile connectivity across the aviation industry



SITA and Orange Business Services have implemented a multi-tenant edge SD-WAN platform at more than 60 airports globally through SITA's shared connectivity platform AirportHub.

Leveraging Orange Business Services' Flexible SD-WAN portfolio, SITA Connect SDN allows multiple airlines, ground handlers, and other tenants to access the same virtualized infrastructure in the cloud, delivering more scalable and agile connectivity. This drives greater cost efficiencies and supports the airline industry's drive to migrate applications to the cloud.

David Lavorel, CEO SITA AT AIRPORTS & BORDERS said, "SITA Connect SDN is a technological innovation, leveraging state-of-the-art, future proof technology to serve our industry needs. In addition to the cost-optimization and scalability that are so important to airlines in the current market, we expect with this new technology, airport and airline applications will move to the cloud en masse while increasing automation."

Unique in its conception, SITA Connect SDN leverages the existing AirportHub, SITA's pre-connected connectivity platform already deployed in almost 600 airports worldwide and available to airlines globally. Sydney International Airport, Taiwan Taoyuan International Airport, and Zurich Airport are among the 60 airports that have already been upgraded to the ultra-fast SD-WAN network

that is currently being rolled out to cover the vast majority of all airline destinations.

Anne-Marie Thiollet, Vice President, Connectivity Solutions, Orange Business Services said, "Through our long-standing partnership with SITA, we have delivered technologies and innovation to the air transport industry since 2001. When we started this project at the end of 2019, we could not imagine just how critical flexibility and connectivity would become in the industry. We are confident that this evolution – leveraging the full potential of SDN technologies – has come at the right time."

This solution's agility and scalability also address unpredictable passenger and aircraft traffic volumes amidst the COVID-19 pandemic in a cost-effective, more flexible way. Through SITA Connect SDN, SITA can provide on-demand bandwidth while optimizing costs by utilizing multiple transport technologies in an application-driven network, with real-time visibility and control over the network.

SITA Connect SDN further reduces the cost of running a global network environment by making dedicated hardware platforms redundant while leveraging internet connectivity. Capital expenditure is reduced by cutting down on expensive network hardware upgrades with technological advances largely confined to software upgrades.

Delta and Lysol team up for an enhanced disinfecting experience for passengers

Delta has paired with Lysol to enhance their safety standards and cleaning procedures across aircraft and at airports. In a sincere attempt at putting the passengers at ease when it comes to hygienic flight, Delta has advanced their disinfection protocols on the ground as well as air. Flight attendants are provided with Lysol Disinfecting Wipes to use on high-touch areas on our aircraft, including lavatories. Earlier this fall, agents at all of Delta's US airports began using the wipes to clean customer-facing areas in check-in lobbies, at the gates, and elsewhere throughout the terminal.

Jon Litzenberger, Delta's Managing Director – Global Cleanliness said, "Lysol's focus on customer service and excellence, as well as their forward-looking innovation, mirrors Delta's commitment to the same. This is the perfect partnership to look at cleaning well into the future."

The Lysol team performed meticulous walk-throughs of Delta ticket counters, gate areas and baggage claims; observed the cleaning procedures on-board an aircraft; and led focus-group discussions with Delta flight attendants and customer service agents, all to help inform their recommendations for new products and protocols.

After the visit, said Marcia Bole, Lysol's Vice President of Research & Development Operations said, "We are able to better understand, What are the various surfaces made of? What are the combinations of interactions between employees and passengers? And what are the products we would recommend for the best disinfection...to provide consumers with peace of mind?"

Delta and Lysol first announced their partnership in July, pairing Delta's strength in safety and operational rigor with Lysol's 130 years of germ-kill expertise and innovation to continue improving on Delta CareStandard protocols launched during the COVID-19 pandemic.

Boeing forecasts China's annual passenger traffic growth to be 5.5 per cent over 20 years



Boeing expects China's airlines to acquire 8,600 new airplanes valued at USD 1.4 trillion and commercial aviation services valued at USD 1.7 trillion over the next 20 years, reflecting an expected robust recovery following the COVID-19 pandemic.

China's rapidly growing middle class, increased economic growth and growing urbanization are all factors in the Boeing forecast, suggesting the country will lead passenger travel globally in the next few years. Since 2000, China's commercial jet fleet has expanded sevenfold, and approximately 25 per cent of all aviation growth worldwide in the last decade has come from China. Boeing forecasts this trend will continue over the next 20 years.

"While COVID-19 has severely impacted every passenger market worldwide, China's fundamental growth drivers remain resilient and robust," said Richard Wynne, managing director, China Marketing, Boeing Commercial Airplanes. "Not only has China's recovery from COVID-19 outpaced the rest of the world, but also continued government investments toward improving and expanding its transportation infrastructure, large regional traffic flows, and a flourishing domestic market means this region of the world will thrive."

The 2020 China CMO includes:

- Boeing forecasts China's annual passenger traffic growth to be 5.5 per cent over the next 20 years
- Boeing estimates operators will need

more than 6,450 new single-aisle airplanes in China over the next 20 years. Single-aisle airplanes, such as the 737 family, continue to be the main driver of capacity growth

- In the wide body market, Boeing forecasts demand for 1,590 deliveries by 2039 in China. Wide body airplanes will account for 18 per cent of China's deliveries during the 20-year period, down 4 per cent from last year's forecast due to an anticipated slower recovery in global long-haul traffic

- China has the world's highest e-commerce growth rate but significant room for development of air express shipping, presenting an opportunity for robust freighter demand

- Long-term aviation industry growth in China is expected to drive the need for 395,000 commercial pilots, cabin crew members and aviation technicians to fly and to maintain the country's airplane fleet

Despite the challenges imposed by the pandemic, China's projected airplane and services market represents a nearly 7 per cent increase over last year forecast. These increases are driven by continued high demand for single-aisle airplanes and China's expanding share of passenger wide bodies to support international routes, along with a large replacement cycle as China's fleet matures. Boeing also anticipates growth in Chinese demand for new and converted freighters and digital solutions to help carriers further innovate and succeed.

Ryanair offers hassle free flight change fee for passengers



Ryanair will be extending the waiving of its flight change fee for all customers who book in December 2020 and January 2021. This gives Ryanair customers peace of mind and greater flexibility should their travel plans change, allowing them to move their flight with no change fee up to 30th September 2021.

Ryanair's Director of Marketing & Digital, Dara Brady said, "Plans change, so in order to provide as much flexibility and confidence as possible for our customers, we have extended the waiving of our flight change fee for all December and January bookings. Customers can book trips for Christmas, Easter and the summer with confidence knowing that if they need to postpone their travel plans, they can move with zero change fee. Customers can now plan to see families at Christmas, or book Easter/summer holidays, safe in the knowledge that if plans change, they can move their flights without additional change fees".

Customers that book in December and January but who are unable to travel on their intended dates can easily change their flight hassle free and move to a new date up to 30th September. Changes must be made at least 7 days prior to the departure date of the original booking.

Emirates stand strong on the promise of customer refunds

Emirates is standing strong on its promise of customer refunds and recently completed an intensive programme to clear the backlog of refund requests which was caused by pandemic-related travel disruption. So far Etihad has already returned about AED 6.3 billion. Over the seven-month period starting April, Emirates received, validated and processed nearly 1.7 million refund requests. Apart from this, Emirates managed over 130,000 refunds-related queries from customers and travel agency partners and made status changes to nearly 4 million flight coupons.

Sir Tim Clark, President Emirates Airline said, "In the early months of 2020, COVID-19 massively disrupted travel around the world and led to an unprecedented volume of refunds requests across the aviation and travel industry, including at Emirates. It was not a situation any airline wanted, particularly while also facing a cash crunch from

drastically reduced operations. Through those difficult months, as we dealt with the impact of the pandemic on our business, we've never lost sight of our commitment to our customers."

At the peak of its project, Emirates had 110 personnel dedicated to validating and processing refunds, massively increased from the 19-person team pre-pandemic. The airline managed this by internally moving personnel from other functions to assist in this endeavour.

"Thanks to the efforts of our refunds and customer service teams, the support and co-operation of our partners, and the understanding of our customers, Emirates has now cleared our backlog of refunds. We still have higher volumes of refunds and flight coupon change requests compared to pre-pandemic times, but we now have the capability to manage these within a 7-day turnaround."

Sir Tim further added, "In addition to honouring refunds, Emirates offered our

customers' flexibility to travel at a later date, and we also helped our frequent flyers to retain their tier status and introduced other ways for them to earn and burn their Miles. For those of our customers who continued to fly, Emirates offered the industry's first free global COVID-19 cover for their added peace of mind, we put in place rigorous bio-safety measures on the ground and in the air, and we ensured that information on the latest travel requirements was easily available on our website."

Early this week, the airline announced that it will offer its customers another industry-first: a multi-risk travel insurance and COVID-19 cover, at no charge, on all tickets purchased on or from 1 December 2020. In addition to COVID-19 medical cover, this new generous offer from Emirates also has provisions for personal accidents during travel, winter sports cover, loss of personal belongings, and trip disruptions due to unexpected air space closure, travel recommendations or advisories, similar to other multi-risk travel insurance products.

Delta and TSA strives for enhanced and hassle-free passenger experience at airports

Delta has tied up with Hartsfield-Jackson Atlanta International Airport and the Transportation Security Administration (TSA) for faster and hassle-free domestic travel from Atlanta. The computed tomography-automated screening lane (CT-ASL) system will be set up at Atlanta's domestic terminal south security checkpoint. This terminal will be the first in the US to be using this technology, making the world's busiest airport more efficient.

Eric Phillips, Delta's Senior Vice President, Airport Customer Service said, "Our partnership with TSA and the Atlanta airport allows us to improve the security experience by making it faster and more seamless, which is something we know is important to our customers. This enhancement in our largest hub market will help reduce stress, minimize airport touch points and improve the overall experience for Atlanta travellers for years to come."

The new lanes allow travellers to keep electronics and approved liquids in their carry-on

bags and are being installed throughout the remainder of the year to help people move through Atlanta's south checkpoint more seamlessly and with fewer touch points.

Eric Beane, TSA's Interim Federal Security Director, "The safety and security of travellers is the No. 1 priority of TSA, and our partnership with Delta and ATL is critical in helping develop innovative security enhancements to improve the travel experience,"

In recent tests, Delta teams have seen customers move through security nearly 20 per cent faster using this technology.

The new systems also help minimize touch points and reduce crowding for safer travel protocols that have become especially important during the COVID-19 pandemic. More than 70 per cent of Delta's customers have cited the TSA checkpoint as one of the most important parts of their journey to remain clean and sanitized.

In addition to industry-leading CT scanners with improved X-ray technology for

enhanced detection, the new lanes feature fully automated bin returns and dual tray loads. That means travellers can push bins onto the belt as soon as they are ready and do not need to stack their bins after passing through security. And customers won't have to worry about items left behind the bins are scanned before they're stacked to make sure personal belongings aren't forgotten.

Plus, customers at these checkpoints will no longer have to remove electronics or liquids for scanning, further reducing the risk of lost personal items.

"It is a great honour for Hartsfield-Jackson Atlanta International Airport to house the first fully CT-ASL security checkpoint in our south terminal," said John Selden, General Manager at Hartsfield-Jackson Atlanta International Airport. "As a world-class airport, we are continuously seeking ways to enhance the customer travel experience. We look forward to partnering with Delta and TSA to provide passengers with a more seamless security process."

Korean Air's fuel-efficient A200 fleet paves the road to recovery in South Korea



Many countries across the globe are struggling to recover from the COVID-19 pandemic effects, to boost passenger travel and restore their confidence in safe travelling. Korean Air is using their A220 fleet to restore its regional and domestic passenger network and provide much-needed connectivity in South Korea, in turn providing a welcome boost to local economies. The airline offers A220 flights to and from several cities and airports in the country, including Seoul-Gimpo, Busan, Cheongju, Jeju and Ulsan.

"Korean Air has been operating ten A220s and these aircraft are used on our domestic and short-haul routes. Thanks to its more fuel-efficient engines, Korean Air's GTF-powered A220s have lower operating cost, which enables us to utilize the fleet effectively," said Lee Soo Keun, chief operating officer at Korean Air. "It's important to us that we continue to support efforts that repatriate and reconnect people to their loved ones, while also sustaining the economy with the continued flow of goods and essential

supplies."

Korean Air flies the larger A220-300 aircraft, each with 140 economy seats in a 2-3 seating configuration. The aircraft is also renowned for its passenger comfort, including lower noise thanks in large part to the Pratt & Whitney GTF engine.

The A220 is powered exclusively by GTF engines and offers significantly lower operating costs compared to previous generation aircraft. The engines deliver double-digit improvements in fuel and carbon emissions. They also provide a 75 per cent reduction in noise footprint, based on a 75 dB noise contour, and produce NOx emissions 50 per cent below the International Civil Aviation Organization (ICAO) CAEP/6 regulation.

This means that airlines can take advantage of the lower costs per trip and per passenger to add capacity by moving up from regional jets, to right-size capacity by moving down from larger single-aisle aircraft, and to open new, longer routes all more profitably than before.

"Many airlines have continued flying the GTF-powered A220 throughout the downturn," said Mary Ellen Jones, vice president of customer business for Asia Pacific at Pratt & Whitney. "For others, the A220 was one of the first aircraft that airlines put back into service, due to its superior flexibility and fuel efficiency. This is why the GTF-powered A220 has been one of the commercial aircraft with the highest utilization throughout the crisis and early recovery."

Apart from this, Korean Air is also using the A220's health monitoring unit, supplied by Pratt & Whitney, which captures thousands of engine and aircraft data parameters throughout the full flight cycle. This system allows Korean Air and Pratt & Whitney to better monitor engine performance, minimize disruptions, schedule preventive maintenance and increase aircraft utilization.

The greater capacity and lower operating cost of Airbus A220 and its Pratt & Whitney GTF engine is leading the recovery in South Korean aviation sector.

KGAR Reshapes For Post Pandemic Market

COVID-19 has impacted the aviation industry in a way which no one could have foreseen, while airlines are flying less, with lower load factors, aircraft are getting parked and aftermarket Used-Serviceable Material (USM) suppliers such as KG Aircraft Rotables are having to rethink the way in which they serve the market.

KGAR are a subsidiary of Japanese trading company, Kanematsu and together they have invested heavily in recent

years into the company. In 2019/2020 they took apart no less than 5 737NG aircraft. This is a trend, which they intend to continue into the future post-pandemic market. In spite of a slowing market they are continuing to look for new teardown candidate aircraft, and massively believe that the 737 & A320 will exit the current situation ahead of the crowd.

Gary Tomkinson, Sales Director for KG Aircraft said: "KGAR are very proud to be part of the Kanematsu group of companies, and with their backing we continue to look at ways in which we can be ready to serve our customers when this current Covid situation has been solved. In recent years, we have proven time and time again of our ability to effectively take aircraft apart and return their valuable USM to the market so that others may continue.

It's never nice to see aircraft taken to pieces, but we need to understand that without this vital element of the supply chain, some aircraft would simply not have the spares to continue operating. We are continuing our program of aircraft disassembly, and continu-

ally review the available assets on the market to find great teardown candidate airframes."

In order to support airlines at the emerge from the pandemic hibernation, KGAR have been busy ensuring that their inventory is available worldwide. KGAR have been utilising their network of MRO providers worldwide to recertify components before storing them at one of their 3 warehouses. Currently KGAR have stock on location in the UK, as well as further stock held in Kuala Lumpur to serve the Asian market, and lastly in Florida to provide fast shipments to their customers in the Americas.

Current market climates have shown that the traditional Power-by-Hour (PBH) business model for spares is not always the most cost effective, therefore KGAR has been proactive in ensuring that they have models available to cover lease requirements. Leasing (for certain operators), has proven more successful for KGAR historically, and this is something they are keen to present to the market again.

Gary had this to add "lease packs provide a more flexible solution over PBH contracts in our experience, leasing allows airlines to better forecast their cash flow, it allows for spares on flexible terms and it allows airlines to cover the all up cost of the contract rather than being penalised when business picks up on the better side of COVID-19. KGAR have provided lease packs and PBH programs for 737 operators, and while we still retain the ability to provide both, we feel that the lease pack provides better stability as we return to normal operations."



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Cessna Citation flying high as favourites for private jet operators

Textron Aviation and Thrive Aviation recently announced the delivery of three Cessna Citation Sovereign business jets. These midsize jets are designed and manufactured by Textron and are currently undergoing extensive interior and exterior overhauls, including paint to match Thrive Aviation's flagship livery design. Once ready, they will join Thrive's existing array of aircraft, including two Cessna Citation M2 entry-level jets, four Cessna Citation CJ3+ light-jets, and one Cessna Citation XLS+ midsize business jet.

Rob Scholl, senior vice president, Sales and Flight Operations, Textron Aviation said, "The delivery of these Citation business jets is a significant milestone for Thrive, which can now support a greater range of customers and accommodate their every aviation need a vision we share at Textron Aviation. We appreciate the work that Thrive does and it's exciting to witness their continued growth as they deliver passenger solutions for various mission profiles."

Curtis Edenfield, CEO, Thrive Aviation said, "We are proud to carry nearly every Cessna Citation model. We look forward to continuing our growth with Textron Aviation in our future expansion plans."

Thrive Aviation is a private avia-



tion company dedicated to providing proactive service and elevated flight experiences for its guests across North America. With a newly opened corporate headquarters at Henderson Executive Airport, Thrive Aviation's footprint in Las Vegas includes an expanded, private 21,000 square foot hangar at Las Vegas McCarran International Airport.

"Since the global COVID-19 pandemic began, more people are looking to private aviation as a means of traveling while limiting the spread of the virus," continued Edenfield. "The delivery of these new aircraft will help us support increased demand and provide our clients with the well-being and peace of mind they seek for their families and businesses."

Cessna Citations make up the majority of charter flights worldwide. With nearly 500 charter flights year-to-date, Citations continue to be the aircraft of choice for private jet opera-

tors. With class-leading amenities, performance and efficiency, Citations make great platforms for a variety of operations from charter to special missions.

With the broadest product line up in the industry, Cessna and Beechcraft products provide a wide range of platforms for those exploring the benefits of private aviation. From providing charter operators with aircraft to support their customers, to offering whole aircraft ownership solutions—Textron Aviation strives to find its customers the best solution to fit their needs.

"As individuals look toward private aviation as an alternative to commercial travel at a time when health and wellness are of the utmost importance, we pride ourselves on the ability to offer a wide range of aircraft to support the varying needs of individuals, businesses, charter and special missions operators," continued Scholl.

The current Citation business jet family consists of seven models with seating configurations between seven to 12 passengers. The entry-level M2, comfortable CJ3+ and versatile CJ4 light jets all offer upgraded efficiencies with added speed and range while the best-selling midsize jet, the Cessna Citation Latitude and flagship Cessna Citation Longitude round out Cessna's line-up of jets, providing customers with an aircraft fit for nearly ever mission.

Aero Locarno doubles the order of Sonaca 200 Trainer Pros

Aero Locarno has recently doubled its initial order of 5 Sonaca 200 Trainer Pros. The revised order now stands to a total of 10 aircraft.

"Even though we are going through a difficult time in aviation, we are seeing a steady demand for training which justifies the investment in a brand new fleet. We feel the need to harmonise our



aircraft fleet by acquiring additional Sonaca 200 Trainer Pros. The Sonaca 200s will replace our old Cessnas. It goes without saying that glass cockpit and state-of-the-art aircraft will further spark interest in our school", said Stefano Buratti, Aero Locarno CEO

Aero Locarno had signed up for 5 aircraft in March 2020, prior to the

pandemic. Out of the 10 aircraft, first six will be delivered early next year. Aero Locarno SA is an Approved-Training-Organization (ATO). In the last two years their training capacity has been more than doubled as well as the fleet size reaching the number of 11 airplanes and one professional fixed based simulator.

Growing demand for private charters in Post-pandemic phase



COVID-19 pandemic has sure put a dent in the passenger travel across the globe, but the post COVID-19 recovery phase has seen a jump in the passengers opting for charter flights. With the social-distancing norms in place and COVID-19 safety measures, travelers have shown preference for private charter. Many charter companies are investing in newer and advanced aircraft to meet passenger demands. Ventura Air Services recently took delivery of three aircraft, two Bombardier Challenger 604 10-passenger, twin-engine jets with a maximum range of 3,756 miles and a top cruising speed of 528 miles-per-hour. Besides this, Ventura is planning to add a two Cessna Citation Excel 560 series two-engine jets that can accommodate eight passengers.

Nick Tarascio, Ceo of Ventura Air Services said, "Ventura's growth is reflective of the relative strength in the private aviation sector, coupled with our expansion goals. With the investment in our fleet and infrastructure, we are positioning the company as a leading air services provider in the New York region and beyond. Commercial aviation is on life support, and it's harder to get flights. Many people are leveraging the benefits of charter flights because of health con-

cerns, the overall convenience, and the exceptional experience we offer."

The Post pandemic phase has seen that industry-wide, charter flights in the US have rebounded, regaining a 90 per cent booking capacity since June. Besides this, the federal government implemented a temporary moratorium on its 7.5 percent excise tax for charter air travel paid for in 2020.

Ventura has experienced increased demand for charters flights in recent months. This is due in part to the growing number of new charter travelers seeking safety, convenience, and air travel access. Ventura is also offering opportunities to make charter travel more cost-effective. Ventura is offering the opportunity to lock in tax-free flying in 2021 by prepaying for charter flights before the end of December. All prepaid customers will save 7.5 per cent and can receive additional bonus credits for savings up to a total of 11 per cent.

LIA President & CEO Kevin Law said, "This has been a challenging time for businesses in the state and throughout the country and thus we commend a successful local company like Ventura Air for its commitment to staying on Long Island, investing in our region and hiring additional employees."

Tarascio added, "Private aviation is an important sector on Long Island and a vital part of the regional economy. I am very optimistic about the industry's growth, as well as our vision for expansion and providing more options to our customers."

Ventura presently employs 52 people and anticipates hiring an additional 25 over the next year. They plan to nearly double their size to accommodate the growth and hire pilots, flight logistics, and aircraft maintenance staff. They will have a charter fleet of 8 aircraft by the end of the year with aircraft which serve North, Central, South America, and the Caribbean.

According to industry sources, commercial air travel is down 75 per cent in November due to the ongoing COVID-19 pandemic. Private air charter companies report relatively robust growth among travelers seeking safer and more convenient travel methods. As an essential business, Ventura has continued to operate throughout the pandemic, including providing dozens of life-saving organ transplant flights each month. These flights are done in partnerships with several New York-area hospitals and are a significant part of the company's business.

Jet Aviation delivers the first ever fan case modifications on Falcon 7X in Basel



Jet Aviation recently delivered the first fan case modification on a Falcon 7X in Basel. The company has received MRO authorization from Pratt & Whitney to modify fan cases on PW307A and PW307D engines installed on Falcon 7X and Falcon 8X aircraft. It has since

completed a dozen on-wing fan case modifications.

Hans-Peter Amacher, senior manager of the Basel Engine Shop said, "We have developed a strong working relationship with Pratt & Whitney over many years. We pride ourselves on our ability to deliver

a premium service and greatly appreciate Pratt & Whitney's on-going support."

Cyril Martiniere, VP Basel said, "This OEM authorization and industry first is a great credit to our team of engine specialists, who continue to lead the industry by upholding the highest standards for quality and service. Jet Aviation has proudly supported the family of Dassault business jets for over 50 years and we look forward to welcoming Dassault owners and operators who require fan case modifications, or any other maintenance service."

The fan case modification had involved exchanging the engine ducts to prevent or repair delamination. Jet Aviation provided the service as part of a scheduled Airframe maintenance C-inspection. Pratt & Whitney Canada, the engine manufacturer of the PW307 A/D engines installed on Dassault Falcon 7/8X aircraft, has since issued a Service Bulletin (PW300-72-47246) for all of its PW307 A/D engines, enabling on-wing modifications.

Bii aero stocks the pool of fast-turning items acquires, A320-A321 interior components

In an effort to expand the aircraft parts and services for the commercial governmental/military and rotary aviation sectors, Bii aero has acquired a stock of about 1,700 line items including a broad spectrum of sometimes, hard to source OEM interior components from Zodiac, Airbus, BE Aerospace, Adams-Rite, Holmco, Diehl, and Goodrich amongst others. Components included are vacuum lavatories, smoke detectors, ovens, coffee makers, crew handsets, chillers, faucets, fire extinguishers, lights, and attendant seats. This boosted stock of A320 family galley inserts is further supplemented by a large consignment from a major European airline which Bii will manage.

Andrew Newell, Sales Director at Bii said, "Bii's warehousing and logistics management is increasingly accessed by third parties seeking flexible support partners. We have the expertise and agreements in



place to manage and support the repair and sale of components to achieve best market value for the airline realising the best possible financial return."

Bii will utilise its carefully selected MRO vendor base in order to recertify the interior cabin/galley material to ensure quality and availability on the shelf. This will further complement the Company's ability to support aircraft with a range of AOG/loan/exchange and outright sale options.

"The market for these items is constant when aircraft are flying" further explained Newell. "The most frequently removed items are normally water heaters, coffee makers and ovens, so we are building a pool of these fast-turning items. Some airlines are currently taking equipment from teardowns and parked aircraft, but these still need to be recertified. For many operators a better solution is to buy recently certified material instead of cannibalising parked aircraft and storing up shortage problems. Vacuum lavatories will always be a priority."

Although airlines are serving less food and hot drinks nowadays due to COVID-19, the sale of refreshments on board is an important revenue stream that Bii is looking to reinstate as quickly as possible.

Magnetic MRO selects variety of PPG aerospace coatings for VIP aircraft repaint project



Magnetic MRO selected a variety of PPG aerospace coatings to complete a recent VIP aircraft repaint project for a private charter flights management company.

Magnetic MRO selected Embraer-

approved PPG DESOPRIME HS CA7755BE epoxy primer, which provides excellent adhesion and corrosion resistance. The primer was used in combination with PPG DESOTHANE CA8000 system in five mica and metallic colours, which pro-

vide airlines with greater flexibility and choice for exterior livery systems. The Embraer LEGACY 600 aircraft was finished with Desothane HD 9008B0900D buffable clearcoat

"PPG's application support centre (ASC) in Hamburg, Germany, worked closely with Magnetic MRO to provide technical support, paint samples and the blended coatings," said Ralf Maubach, PPG sales manager, aerospace, Central and Eastern Europe. "With five colors needed in a short time period, our ASC-Hamburg team worked quickly with team members from our Mojave, California, facility to provide the samples and blended paints in specific package sizes."

"We selected PPG's aerospace coatings for this project, as they are a perfect fit when it comes to the VIP market," said Rihards Priedkalns, Magnetic MRO aircraft paint shop manager. "This is especially true of the high-gloss, buffable clearcoat, which has outstanding color and gloss retention. We look forward to our ongoing collaboration with PPG."

EngineStands24 stands true to the promise of total care of engine stands

EngineStands24 has recently upgraded the engine stands tracking system by adding new tracking devices to the current stand pool. This new device adds to the convenience to the customers as it does allow to track the engine stand real-time, including when it is stored and transported. It also allows checking the temperature of the place where it is stored. Dedicated tracking platform is planned to be added to the website, where customers will be able to track the engine during the entire loan period.

"The engine stands are yet slightly under-rated until they are needed. And when such need occurs, it is quite often the AOG case, thus knowing the location of the engine stand can be vital in terms of planning the engine transfer and maintenance as it allows predicting the time of the delivery. In addition, with the newly added tracking system, our customers will receive valuable informa-



tion on its storage, vibrations when the engine on the stand is en-route and other features, which all adds to the customer's convenience," said Daiva Zemaite, Head of EngineStands24.

The new tracking system is implemented to the entire stands pool, includ-

ing the recently purchased PW4000-94 engine stands for B747 and B767 aircraft as well as Trent 700 engine stands for A330. EngineStands24 is a subsidiary of a global provider of Total Technical Care for aircraft operators and lessors and Magnetic MRO.

Geneva Airpark expands their technical services with Part-145 certification



Geneva Airpark has reached a new milestone in its development at Geneva airport by obtaining PART-145 certification that formalizes the expertise of Geneva Airpark's teams in providing and expanding its range of technical services within its 10,000 sq meters hangar.

"Obtaining the PART-145 line maintenance certification is an important step for Geneva Airpark and its clients. It demonstrates our whole team's high level of professionalism and our

commitment to regularly develop additional services at the forefront of the requirements of the aeronautical sector, business aviation and its various stakeholders. The capacity of the Geneva Airpark hangar is perfectly suited to line maintenance operations, alongside short, medium or long-term hangaring for the planes," explained Sophie Mabire, Geneva Airpark General Manager.

Line maintenance services like Tire

pressure, Oxygen service and Fuel drain and others are provided for several types of business jets like Bombardier, Gulfstream or Dassault.

Geneva Airpark's aim will be to regularly expand its range of services to be able to offer them to a wider range of manufacturers. Despite the difficulties to do with the health crisis, Geneva Airpark's technical teams were able to start the various training programs required, as soon as certification was granted.

Qatar Airways 777 fleet to get the next-Gen Panasonic EcoFW 10" IFE

Qatar Airways is chosen as the launch customer for Panasonic Avionics Corporation's new EcoFW 10" inflight entertainment (IFE) upgrade program marking the latest milestone in their longstanding partnership.

The seatback IFE monitors on the airline's fleet of 37 Boeing 777 aircraft will be updated with Panasonic's new EcoFW 10" monitor upgrade creating a next-generation HD passenger experience while extending the life of the fleet's IFE system, and reducing operational costs.

Ken Sain, Chief Executive Officer of Panasonic Avionics Corporation said, "We are delighted to be deepening our longstanding partnership with Qatar Airways by upgrading a key element of their fleet with our latest generation of inflight entertainment solutions. We



are confident this will enable them to deliver an enhanced passenger experience and benefit from a host of operational efficiencies."

Panasonic's IFE upgrade program, which can be achieved on an aircraft during routine overnight maintenance, includes the installation of a new passenger entertainment server.

Qatar Airways Senior Vice President, Marketing & Corporate Communications, Ms. Salam Al Shawa said, "With one of the youngest and most techno-

logically-advanced fleet in the skies, Qatar Airways is known for its outstanding on board experience, as well as a leader of innovation within the global aviation industry. We are delighted to work with Panasonic to bring the next generation EcoFW HD screens to our award-winning Oryx One in-flight entertainment system, enabling our passengers to enjoy an enhanced journey on board our fleet as part of the airline's exceptional five-star service."

The IFE upgrade provides passengers with a wider range of content and helps to modernize the airline's offering and keeps up-to-date with the demands of changing consumer preferences. This also enables the airline to achieve faster media loading times all without any increase in weight, and with dramatically improved reliability levels.

APOC Aviation purchased five CFM56-7B as a part of multi-million dollar transaction



APOC Aviation recently purchased five CFM56-7B engines from a leading North American carrier as part of a multi-million dollar transaction. Three of the engines have already been delivered and the other two will be integrated into APOC's portfolio soon.

Anca Mihalache, VP Engine Trading at APOC is pleased to confirm that the Company is actively pursuing a range of opportunities supported by ample financing to complete deals. "Having access to flexible and immediate funding gives us a real advantage, this was a key factor in closing this sizable deal. As an organisation, we are continually looking for opportunities to enhance our business offering, these acquisitions will significantly increase our portfolio of engines for sale, lease or exchange as well as our inventory of available engine components."

This year APOC has already acquired one CFM56-3C1 and three CFM56-5As, two of which are now ready for lease. The arrival of a further CFM56-3C1 for lease or sale is imminent.

She further added, "We have already sold some of these new engines and others will be parted out, in fact we are currently working on our first engine tear-down and anticipate the initial integration of the parts into our stock before the end of the year. Our proprietary software updates our stock every 5 seconds in real time, so users can know exactly what we have available and precisely where that part is."

Another way APOC is supporting their customers is through the introduction of 'green time management' solutions, which offer a cost-effective alternative to expensive shop visits.

Anca concluded, "A short-term lease on a CFM56 engine that still has 'green time' left in it can keep operators flying during these difficult times, as it allows them to delay overhauls costing millions. We believe this is an important 'customer care' initiative and is just one of the ways we're working with MROs, repair shops and airlines who are keen to support their engine capabilities with innovative solutions to access quality engines and parts."

Airbus opens 51,000 square meter brand new integrated campus at Singapore's Seletar park



Airbus recently inaugurated its new integrated campus covering an area of 51,000 square meters in Singapore's Seletar Aerospace Park. The inauguration was hosted by Christian Scherer, Airbus Chief Commercial Officer, Head of International and Member of the Airbus Executive Committee, in the presence of Chan Chun Sing, Minister for Trade and Industry for the Republic of Singapore.

Speaking at the event, Christian Scherer said: "The new campus in Singapore reflects our ongoing commitment to our presence in key regions. From Singapore, we can connect more easily with customers and other stakeholders across Asia and the Pacific, acting swiftly to meet their needs. This is especially important during these challenging times."

The new office is an expansion of an existing site, housing the Airbus Asia Training Centre (AATC), a joint venture

between Airbus and Singapore Airlines, and Airbus subsidiary Satair.

New facilities at the campus include offices serving as the company's regional hub for its commercial aircraft, defence, space and helicopter businesses. In addition a second Satair warehouse has increased storage volume and capacity by over 70 per cent.

Also located at the campus is the new South East Asia operation for the Airbus digital services platform Skywise. In addition to supporting Skywise customers, the team based in Singapore will be involved in exploring potential partnerships with start-ups and other technol-



ogy providers in the region.

Additionally, the campus will be home to a branch of the global Airbus Leadership University, providing training and tailored development programmes for company employees. When operational, the Singapore facility will be second in Asia, complementing an existing centre in Beijing, and will offer courses to employees based at Airbus offices across the region.

Hutchinson and Singapore Component Solutions come together to scale up component repair in Asia-Pacific

Hutchinson has signed a Memorandum of Understanding with Singapore Component Solutions in order to further develop their component repair offering in Asia-Pacific. As a part of this MoU, Singapore Component Solutions will be appointed as the only approved repair station for Hutchinson in the region. Singapore Component Solutions is a joint venture between Sabena technics and Air France Industries KLM Engineering & Maintenance dedicated to component support.

"We are proud to bring our expertise to a major OEM such as Hutchinson, allowing both companies to develop jointly our repair network and capabilities in Asia. We look forward to a successful partnership," Thibaut Campion, CEO of Singapore Component Solutions.

"We are honoured to team-up with SCS, a so well reputed company in the aftermarket arena. This partnership is aiming at increasing our business in



Asia and most importantly to make our Customers benefit from a joint repair network and overhaul capabilities in Asia. We remain very confident that this partnership will be a great success." Norbert Langlois, Executive Vice President of Hutchinson Aerospace Services

Both companies will combine their

respective skills to offer the market a value-adding MRO service solution Hutchinson product, starting early 2021. Capabilities will include Engine and APU Vibration Isolation Systems, Engine Component Repairs, Cabin Interior and composite and structural repairs.

SKYTRAC and Scandanavian Avionics Group partner for civil, military and UAS segments



SKYTRAC has partnered with Scandinavian Avionics for civil and military aircraft and UAS segments. The SA Group are a provider of complete turn-key avionics solutions for civil and military aircraft not only as MRO and STC house, but also with a wide range of other capabilities with over 11 divisions across Europe, Middle East, India and Southeast Asia.

The partnership will increase market

share for SKYTRAC's recently announced broadband and midband SATCOM terminals. The new terminals are set to provide operators with increased capabilities, bandwidth up

to 704 kbps, and industry-leading global reliability.

"Scandinavian Avionics is one of the largest international avionics providers and STC houses in aviation. It was an easy decision to partner with The SA Group to further explore opportunities for our SDL-350 and ISAT-200A-o8 broadband and midband SATCOM systems," mentioned Jan van der Heul, Vice President of Sales at SKYTRAC. "We're excited to move

forward with this partnership."

"We're very interested to explore the SDL-350 and ISAT-200A-o8 SATCOM systems," said Michael Truelsen, CEO of Scandinavian Avionics. "We believe there is a strong market for Iridium Certus to compete with the legacy satellite systems, and we have great expectations for Iridium Certus from our customers as well. In general the entire product range within SKYTRAC's portfolio fits very well with our current capabilities and offerings, and we share the mindset of SKYTRAC; providing solutions, rather than products for our customers."

The SA Group's global presence will enable SKYTRAC to explore core segments such as unmanned, military, helicopters and business aviation. Their service offerings include design and STC development, installation kit manufacturing, aircraft modifications, component maintenance and global training solutions for civilian and military segments.

Harbouring strong partnerships – Diamond Aircraft and Aviation Unlimited

Diamond Aircraft has extended their long-standing partnership with Aviation Unlimited by naming them as their official and exclusive aircraft dealers. Aviation Unlimited has been Canada's longest continuously operating general aviation companies.

Isaac Capua, Vice president of Aviation Unlimited said, "Diamond Aircraft and the team in London, ON have always been close to our hearts. We've witnessed the growth of what was once a small aircraft manufacturer in the 90's into what today represents the highest quality product in the market. Diamond is unmatched in their product offerings: no other General Aviation manufacturer can offer the level of technology and sophistication to its customers – whether it be modern propulsion, exotic carbon fiber construction, or industry leading safety record. To say we are excited to showcase (yet again) what this amazing Canadian company can do is an understatement."

"We are excited to work with Aviation Unlimited once again and continue to grow the Diamond family in Canada" said Scott McFadzean, CEO of Diamond Aircraft Industries Inc. "The team has a proven history of strong sales for Diamond in the Canadian market and we are certain they will represent our brand to the highest possible standard."

Aviation Unlimited has been with Diamond Aircraft since 2004. A family owned business specializing in high performance, technically advanced, owner-flown aircraft, Aviation Unlimited prides itself on its ability to work with clients over multiple aircraft transactions and multi decade relationships. They have a rich history as one of Canada's longest continuously operating general aviation companies.

Loganair grants three year ground handling and cleaning contract to Menzies Aviation

Menzies Aviation has won a three year ground handling and cleaning contract with Loganair at Glasgow and Edinburgh airport. As per the contract they will deliver all the ground handling and cleaning services for 14,000 Loganair flights per year across the two stations, with 6,500 and 7,500 turns anticipated per annum at Edinburgh and Glasgow respectively.

Phil Lloyd, Menzies Aviation Vice President, North UK and Ireland said, "As Scotland's national ground handling company, we're delighted to be deepening our relationship with Scotland's national carrier. This award is testament to the successful partnership we have built with the airline, through the quality service delivered by Menzies employees on the ground. Loganair has maintained strong operations throughout the pandemic as well as growing its route network this year, and we are looking forward to the growth opportunities this partnership may bring."

Maurice Boyle, Chief Operations Officer for Loganair said, "Loganair is pleased to be strengthening its partnership with Menzies Aviation by selecting MZA to handle its flights at both Glasgow and Edinburgh airports. The partnership will focus upon delivering value and operational excellence while preparing for future growth as we look forward to meeting our customers' needs now and in the future."

This new contract, which has an initial term of three years, sees the expansion of Menzies' relationship with Loganair, with Menzies already providing de-icing services to the airline at Edinburgh and Glasgow, as well as de-icing, cleaning and ground handling services at Manchester and Isle of Man.

GA Telesis expands their maintenance product portfolio by partnering with JMS AG

GA Telesis recently announced an agreement with German commercial aircraft maintenance support firm JMS AG to become a worldwide distributor of their extensive Ground Support Equipment (GSE) product line.

"We are very pleased to be partnering with JMS as we grow our extensive Tool and GSE product offering," said Jason Reed, President of GA Telesis' Flight Solutions Group. "Our customers recognize GA Telesis as the global leader in aftermarket support solutions, and the JMS product line is a perfect match to our expanding maintenance products portfolio. It's well known that the number of aircraft to be disassembled and serviced in the future will grow tremendously, thus needing the right equipment by airlines and MRO's around the world to do so. Our unique ability to begin providing a centralized Tool/GSE equipment line to all of our customers will be key to their success in managing supplier portfolios in the future," added Reed.

"As a well-known manufacturer of innovative aircraft maintenance equipment and GSE, JMS is proud to be partnering with GA Telesis," comments Matthias Korward, CEO of JMS AG. "The in-depth knowledge of the global aviation market along with the strong and strictly customer-centric sales force of our new distribution partner, will greatly expand the global market share for our high-quality products."

This partnership builds on the continued expansion of offerings of GA Telesis' Tarmac Solutions Group to supply GSE and specialized tooling to airlines, MROs, and airports around the world. The three-year agreement with JMS will provide GA Telesis access to critical GSE, including towbars, tripod jacks, axle jacks, and unique aircraft/engine handling and servicing equipment.

Strengthening relationships – Rolls-Royce and Gulfstream

Rolls Royce has recently opened their latest 62,000 sq feet facility in Savannah, Georgia, USA, adjacent to the new Gulfstream Service Centre East and is scheduled to be fully operational by end of this year. It will house an on-site customer support office, an on wing services repair facility, a powerplant completion centre, and a warehouse all under one roof. The investment will create additional highly-skilled jobs over the next years, increasing the total number of our employees supporting Gulfstream and its customers.

The new service centre was named the Rolls-Royce Raines Building in honour of local aviation pioneer Hazel Jane Raines. Raines was Georgia's First Lady of Aviation, a strong advocate for women's rights and an inspiring trail-blazer for women in aviation.

Andy Robinson, SVP Customers & Services, Business Aviation, Rolls-Royce said, "As the leading engine manufacturer in Business Aviation, our customers trust in us to deliver outstanding levels of in-service support. This brand-new customer support facility is a strategic investment, which takes our longstanding partnership with Gulfstream to the next level and will help us deliver market-leading services to our Business Aviation customers in North America."

From the beginning of their business aviation activities in 1958, marked by the first flight of the Dart-powered Gulfstream I, to the recent first flight of Gulfstream's Pearl 700-powered flagship G700, Rolls-Royce and Gulfstream have developed a strong



and successful partnership. Rolls Royce currently produces the BR710 and BR725 engines for Gulfstream's G550 and G650 and develops the Pearl 700 to power the G700. Overall, we support more than 2,100 Gulfstream business jets worldwide via our dedicated 24/7 Business Aviation Availability Centre.

Mark Burns, President, Gulfstream Aerospace Corp said, "The new Rolls-Royce Savannah Customer Services Centre reflects the strong partnership between our two companies and our continued mutual commitment to providing a world-class ownership experience for our operators. The first of its kind within the Rolls-Royce network, this facility serves as a strategic complement to our two Gulfstream Savannah Service Centres, providing extensive engine capabilities where they'll have the greatest impact: at our company and manufacturing headquarters."

Governor Brian P. Kemp said, "Global

Fortune 500 companies like Rolls-Royce choosing to expand in Georgia are a testament to our strength in advanced manufacturing and logistics, particularly within our USD 57.5 billion aerospace sector supported by the Port of Savannah now the top port for US exports. I am grateful to Rolls-Royce for their continued investment in the Peach State and look forward to seeing the opportunities this expansion brings to the hardworking folks of Southeast and Coastal Georgia."

Many of those aircraft are covered by CorporateCare and CorporateCare Enhanced; about 70 per cent of new delivery Rolls-Royce powered aircraft are enrolled in the programme. CorporateCare Enhanced, the comprehensive, fixed-cost engine maintenance management plan, provides customers with a global support infrastructure which includes: Engine Health Monitoring, a worldwide network of Authorised Service Centres and globally distributed spare parts and engines.

Sabena Technics increases foothold in military helicopter MRO market by acquiring Aeromecanic

Sabena Technics have recently acquired Aeromecanic in an attempt to pursue their external growth strategy and to increase their presence in the military helicopter maintenance market.

Aeromecanic is based at Marignane airport and provides maintenance services for military aircraft and helicopters. The company has industrial facilities close to Airbus Helicopters, including more than 3000 m² of hangar as well as workshops: engines, sheet

metal work, avionics, wheels & brakes and painting.

Philippe Rochet, Chief Executive Officer of Sabena technics' Group said, "With its capabilities, its recognized know-how and strategic location, Aeromecanic represents for us an opportunity to strengthen durably our position in the military helicopter maintenance market. Sharing our values of safety, quality and operational performance, this new

subsidiary allows us to complete our global military support offer (MCO) for the benefit of governments and key industrials thanks to a flexible, agile and responsive structure"

Sabena technics MRS is very committed to a process of developing its activities by doubling, starting 2021, the surface area of its industrial resources to be able to meet the challenges of its customers and industrial partners.

Bye Aerospace and Safran sign a deal to install ENGINEUS intelligent electric motors in eFlyer series

Bye Aerospace and Safran have signed a cooperation agreement to equip 100 per cent electric aircraft with ENGINEUS intelligent electric motors. Bye Aerospace is developing the eFlyer family of 100% electric aircraft and intends to certify the eFlyer 2 and eFlyer 4 with the Federal Aviation Administration for professional piloting training and air taxi missions.

These aircraft will meet market requirements, including an 80 per cent reduction in operating costs, the elimination of CO emissions² and noise reduction. Bye Aerospace estimates that eFlyer will prevent the release of millions of tonnes of CO₂ each year, just as part of pilot training.

George E. Bye, CEO of Bye Aerospace said, "At Bye Aerospace, we have concluded that the ENGINEUS smart

electric motor was Safran's 100 optimal production solution to meet the stringent requirements of the FAA and EASA certification schedule for eFlyer 2 and eFlyer 4. Our order backlog of eFlyers, which currently stands at 711 units, continues to grow. We need to move quickly to meet the demand of aviation enthusiasts around the world who have been waiting for years to put 100 per cent electric aircraft on the market."

Hervé Blanc, Managing Director of the Power Division at Safran Electrical and Power said, "We are very proud to collaborate with Bye Aerospace, a company that has developed a 100 per cent relevant electric strategy, with the eFlyer 2 and eFlyer 4 first, then gradually up to regional aviation. This new contract demonstrates the success of our ENGINEUS range and confirms the mar-

ket's continued interest in our approach to increasing the performance of the electric power chain while progressing in parallel on high-volume certification and industrialization.

The ENGINEUS family includes a wide range of electric motors with powers of up to 500 kW. ENGINEUS engines 100, which will equip the eFlyer 2 and eFlyer 4, offer a very high level of performance and directly integrate the engine controller into the machine. Thermal management is carried out through an optimized air cooling system, jointly integrated into the aircraft structure by Safran and Bye Aerospace.

Bye Aerospace's entire line of aircraft under development and in the future offers innovative and exemplary aeronautical solutions in terms of respect for the environment.



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Rheinland Air Service to be the first German dealers for Bell 505



Bell Textron has partnered with Rheinland Air Service GmbH (RAS) as the first German dealer for the Bell 505. With over half a century's experience in business aviation, RAS is a proven provider of expert aviation sales and service with a staff of 280 in four locations in Germany.

"With the Bell 505 dealership, we can use our customer collaboration to attract new owners and establish a stronger presence in the region. This partnership is important for Bell's work in Germany. We want to provide customers with a complete 505 solution through a local company in

their national language," said Patrick Moulay, Senior Vice President International Business. "With its team's experience in aviation and excellent reputation, we believe RAS is the best launch partner for the first 505 dealership."

"We are proud to be part of the Bell family and represent the German market with this high performing aircraft. The Bell 505 is an incredible helicopter, and we see a huge potential for our German customers," said Johannes Graf von Schaesberg, CEO, RAS. "The cooperation between Bell and RAS is our long-term vision to expand the German market for

the Bell brand."

The Bell 505 is ideal for private charters, corporate executives, medical evacuations, utilities, public safety, pilot training, and more. The light single-engine helicopter offers a rare combination of rugged high performance, superior fuel efficiency, and a low cost of acquisition and operation. With the only dual-channel FADEC engine in its class, the helicopter has plenty of power at high altitudes. Additionally, the high-tech G1000H all glass flight deck and panoramic windows provide great visibility, full situational awareness, and safety.



Embraer and Porsche's 'Duet' sings a different note

Ever seen a perfect combination of two masterpieces, a perfect marriage of a world-class car and a beautiful jet. Here's presenting 'Duet'. The personification of luxury and grace, speed and style, the Duet is created by Embraer and Porsche by pairing of a limited-edition, limited-quantity Embraer Phenom 300E aircraft and Porsche 911 Turbo S car. Only ten exclusive pairs of business jet and sports cars will be produced to provide a seamless experience from road to sky.

Michael Amalfitano, President & CEO, Embraer Executive Jets said, "Duet is an exclusive package developed in unique design collaboration with Porsche. This rare, refined combination will only be available through this one-time-only pairing. In the spirit of delivering the ultimate customer experience, we are fusing two of the most notable brands in the aerospace and automotive industries, bringing together the pinnacle in production sports cars with the market benchmark in light jets, once again proving that we don't simply follow trends — we create them."

Duet brings the Phenom 300E and the 911 Turbo S into perfect harmony. As the

world's fastest and longest-ranged single-pilot business jet, the Phenom 300 series transformed the light jet category. From its revolutionary, award-winning interior design, with an abundance of cabin and baggage space to its highly intuitive avionics, this well-rounded machine delivers unmatched performance, exceptional comfort, and class-leading technology, at enviably low operating costs, with features previously available only on much larger jets.

The 911 is the heart of the Porsche product portfolio and has one of the longest and most celebrated traditions in the automotive industry. The 911 Turbo S is the peak of the 911 models and stands for both performance and usability.

"Porsche and Embraer share a host of common values," said Alexander Fabig, Vice President Individualization and Classic at Porsche AG. "As part of our cooperation, we used the know-how of both brands to work jointly on a unique pair of vehicles that are equally attractive for the customer group of jet and sports car owners."

Designed in tandem, Duet fuses speed and style, luxury and power signatures

of both the Phenom 300E and Porsche 911 Turbo S. The most successful business jet of the decade (2010-2019) meets the gold standard in production sports cars, resulting in a uniquely designed jet and car, both featuring a customized interior and paint scheme inspired by one another.

"This is the perfect marriage of car and jet, as personified by the exclusive collaboration logo. The logo brings together the aeronautical requirement of lift depicted by the Phenom 300E winglet — with the automotive requirement of downforce depicted by the rear wing of the flagship 911. To further solidify this symbiotic partnership, the aircraft registration number appears on both the car's rear wing and the sides of its key," said Jay Beever, Vice President of Embraer Design Operations.

The exclusive collaboration logo is embossed on the seat headrests of the aircraft (lift) and debossed on the seat headrests of the car (downforce), as well as featured on the aircraft sideledge, speaker grills, and mounted near the main door. Each pairing also features a special badge, representing one of only

CONT.. PG 18

CONT.. PG 17

ten delivered. The customer will have the option to select the location of a blue chip, reflective of their position among the ten units, according to their preference.

To create a seamless transition from aircraft to car for this exclusive set of customers, design inspiration for the aircraft mirrors that of the car, and vice versa. Starting with seats, the sew style on the Phenom 300E seat was patterned after that of the 911 Turbo S. The seats in both vehicles feature red pull straps, a Speed Blue accent stitch, and carbon fibre shrouds to create a shared connection. The cockpit seats of the Phenom 300E were redesigned to match the car.

In the 911 Turbo S, Porsche introduced a unique colour combination for the steering wheel to match the aircraft's yoke, with a Speed Blue accent at 12 o'clock, as well as the first Chalk Alcantara trim roof lining — an homage to the aircraft. To round out the interior, the stopwatch of the Sport Chrono package features an artificial horizon inspired by instrumentation in the aircraft cockpit.

The aircraft and car share the same exterior paint pallet and general scheme. For the first time, Porsche has combined gloss and satin-gloss paintwork. The upper part of the car is finished with



Platinum Silver Metallic, transitioning to Jet Grey Metallic at the bottom. Dividing the two paint colours is a trim strip with lines in Brilliant Chrome and Speed Blue. The car is entirely hand-painted, which is unique to this project and reflective of the Phenom 300E paint process.

The alloy wheels of the 911 Turbo S are painted in Platinum Silver Metallic, using a revolutionary laser process to expose a Speed Blue underlay on the rim flange. The air intakes of the 911 Turbo S are painted in Brilliant Chrome to match the leading edge nacelles of the aircraft. The LED door projectors cast the Duet collaboration logo on the ground, and the door

sill trims feature “No Step” lettering, like the messaging on an aircraft wing.

The exclusive Duet Porsche 911 Turbo S can only be purchased in tandem with its sibling Phenom 300E. To mark this first ever collaboration between Embraer, Porsche AG, and Porsche Design, Duet customers will also receive a custom Duet logo luggage set with a pilot's bag and two weekenders, as well as a special edition Porsche Design 1919 Globe timer UTC titanium-case watch inspired by the aircraft's cockpit. Ten limited-edition pairs of the Duet are now available for order. Deliveries will begin in 2021.

Dark clouds looming the return of 737 Max clearing slowly, Max to fly soon

In good news for the Boeing 737 Max, the US Federal Aviation Administration has rescinded the order that halted its commercial operations after the two fatal crashes. As per this move, airlines under FAA's jurisdiction including those in the US will be allowed to take the necessary steps to resume services.

“We will never forget the lives lost in the two tragic accidents that led to the decision to suspend operations,” said David Calhoun, chief executive officer of The Boeing Company. “These events and the lessons we have learned as a result have reshaped our company and further focused our attention on our core values of safety, quality and integrity.”

An Airworthiness Directive issued by the FAA spells out the requirements that must be met before US carriers can

resume service, including installing software enhancements, completing wire separation modifications, conducting pilot training and accomplishing thorough de-preservation activities that will ensure the airplanes are ready for service.

“The FAA's directive is an important milestone,” said Stan Deal, president and chief executive officer of Boeing Commercial Airplanes. “We will continue to work with regulators around the world and our customers to return the airplane back into service worldwide.”

In addition to changes made to the airplane and pilot training, Boeing has taken three important steps to strengthen its focus on safety and quality.

1. Organizational Alignment: More than 50,000 engineers have been brought together in a single organization that in-

cludes a new Product & Services Safety unit, unifying safety responsibilities across the company.

2. Cultural Focus: Engineers have been further empowered to improve safety and quality. The company is identifying, diagnosing and resolving issues with a higher level of transparency and immediacy.

3. Process Enhancements: By adopting next-generation design processes, the company is enabling greater levels of first-time quality.

Throughout the past 20 months, Boeing has worked closely with airlines, providing them with detailed recommendations regarding long-term storage and ensuring their input was part of the effort to safely return the airplanes to service.

Keeping the Canadian skies safe with #AirbusHeli



Canada's Edmonton Police Service has announced the entry of second state-of-art Airbus H125 helicopter into their service. The first AIR-1 was delivered by Airbus Helicopter Canada in 2017 as a part of fleet renewal project to enhance operational capabilities. The H125 is embedded with latest technologies required to provide safe, rapid and effective airborne support to the ground based units that they serve. It is well-suited for multi-role law enforcement

missions including surveillance, command and control, search and pursuit, search and rescue, special operations, escort and more.

"AIR-1 and AIR-2, our two helicopters, play an integral role in ensuring citizen and officer safety," said S/Sgt Paul Shafer, with the EPS Canine and Flight Operations Section. "They allow us to monitor fleeing vehicles from a safe distance, locate missing persons, find suspects who may be trying to evade

police, and assist officers on the ground with scene surveillance."

The H125 offers excellent visibility and allows law enforcement operators to spend more time in the air. The H125 with its power, performance and multi-mission capabilities combined with low operating cost make it the most widely used aircraft in public service.

"At Airbus, we are committed to supporting our customers carrying out essential missions saving lives and protecting communities," said Dwayne Charette, President and COO of Airbus Helicopters Canada. "Edmonton Police Service has proven to be an invaluable resource for its citizens, and we sincerely thank you not only for the critical work you do day and night, but for continuing to place your trust in Airbus."

Airbus is the preferred helicopter provider for the airborne law enforcement mission in Canada, accounting for 100 per cent of the helicopters delivered in country for that mission over the past 15 years. Today, Airbus helicopters make up 86 per cent of Canada's airborne law enforcement in-service fleet.

ExxonMobil signs up for two H145 helicopters for liquefied natural gas operations in Papua New Guinea

ExxonMobil has signed a contract for two Airbus H145 helicopters to support the liquefied natural gas Project in Papua New Guinea (PNG). The latest Airbus H145 five-blade model provides a 150kg increase in useful load.

The aircraft will be based at the Hides Gas Conditioning Plant (HGCP) in Hela Province of the PNG Highlands, and will be used to transport personnel and equipment in support of PNG LNG Project operations.

Ben Bridge, Executive Vice President Global Business, for Airbus Helicopters said, "It's an honour to win the confidence of a safety and performance focused customer like Exxon-

Mobil for operations in PNG's highly demanding operational environment. The new H145 has made a strong start in the market and it's clear that it has a great future across multiple market segments."

In addition to its reliability and superior economics, the new H145's "hot and high" performance was critical to its selection for use in an environment requiring routine operations at an altitude of 5,400ft in temperatures up to 35°C.

The sale is the first by Airbus Helicopters to ExxonMobil and the first order in the oil and gas sector for the new H145 in the Asia Pacific region.

Light combat helicopter developed by HAL, ready for take-off

Hindustan Aeronautics Limited (HAL) is geared up for design and development of Light Combat Helicopter (LCH) to meet all the requirements of the Indian Air Force. In a recent ceremony held at Bengaluru, India, the Air Chief Marshal of Indian Air Force, RKS Bhaduria undertook his maiden flight.

While thanking all stake holders of LCH project, the Air Chief said "It was a very good sortie. I was able to look at the important flying characteristics and status of sensors already installed. The LCH is a potent platform due to excellent D&D efforts and well supported flight test team. The IAF is keenly looking forward to the induction of this aircraft and I am sure HAL will give required focus on productionisation at a fast pace."

The aircraft remained airborne for about an hour before safely landing on the base. The Chief of Air Staff was accompanied by HAL's Deputy Chief Test Pilot, Wg Cdr (Retd) S P John.

Why should Swiss Air Force select the 5th Generation F-35 fighter aircraft?

The US Government and Lockheed Martin recently submitted an F-35 proposal to the Swiss Government in support of Switzerland's New Fighter Aircraft (NFA) competition. The F-35 proposal is a total package offering that includes up to 40 F-35A aircraft, a sustainment solution tailored to Swiss autonomy requirements, and a comprehensive training program.

The offering includes an industrial package providing Swiss industry substantial F-35 work opportunities. Should the F-35 be selected as the new fighter for Switzerland, this industrial work would take place in all Swiss regions. Swiss industry has the opportunity to compete for direct production of components for use on all F-35s produced, sustainment projects focused on sup-



porting the Swiss Air Force and enhancing Swiss autonomy, and cyber security projects directly related to the F-35.

The offer uses the F-35 Global Support Solution for sustainment to ensure Switzerland benefits from the European F-35 economies of scale to realize lower sustainment costs for the Swiss Air Force. It also includes a six-month spares package to ensure the Swiss Air Force has the ability to conduct autonomous operations, if needed. Lockheed

Martin is also offering an option for the assembly of four aircraft in Switzerland to ensure the Swiss Air Force and Swiss industry gain an understanding of how to maintain the F-35 airframe and its advanced capabilities for the life of the program.

"We are confident that our F-35 offer is the best and most affordable solution for the Swiss NFA competition," said Greg Ulmer, F-35 Program vice president and general manager. "We are offering the only 5th generation fighter at the cost of 4th generation aircraft while offering Switzerland an aircraft that will protect Swiss sovereignty for decades to come."

To date, the F-35 has been selected by 13 nations and operates from 26 bases worldwide, with nine nations operating F-35s on their home soil. There are more than 585 F-35s in service today, with more than 1,190 pilots and 9,750 maintainers trained on the aircraft.

German Navy's Sea Lynx fleet to be replaced by Airbus' state-of-art Sea Lion and Sea Tiger



The German Bundeswehr has decided to replace the German Navy's Sea Lynx Mk88A fleet with the latest state-of-art NH90 NFH helicopters also known as Sea Tiger for German Navy's shipborne operations. The Bundeswehr has already ordered 18 NH90 Sea Lion naval transport helicopters, seven of which have already been delivered.

Bruno Even, CEO of Airbus Helicopters said, "With the Sea Lion and Sea Tiger,

the German Navy will have state-of-the-art, high-performance helicopters and can benefit from the advantages of a harmonized fleet. We look forward to working, together with our partners, to deliver the unique naval capabilities that the NH90 NFH has to offer as early as 2025."

Both the Sea Tiger and the Sea Lion are derivatives of the NH90 NFH. The Sea Tiger is based on the Sea Lion configura-

tion, enhanced by mission capabilities and equipment in order to carry out their specific tasks. In addition to reconnaissance and transport, the shipborne Sea Tigers missions include engaging targets above and below the surface. For this purpose, the Sea Tiger is, amongst others, equipped with an active dipping sonar, passive sonar buoys, and weapons (torpedoes and missiles).

The widespread use of the NH90 TTH by the German Army and the NH90 NFH by the German Navy enables considerable synergies in terms of logistics and training. Naval flight crews and technical staff have already been undergoing basic NH90 training together with Army's NH90 crews since the introduction of the Sea Lion.

100 naval NH90 helicopters have already been delivered to six nations and have completed over 70,000 flight hours in search and rescue, humanitarian, and military operations. There are currently 430 NH90 helicopters in service worldwide that have accumulated over 270,000 flight hours.

French Navy awards Dassault Aviation's Falcon 2000 Albatros with a multi-year contract



Dassault Aviation was recently awarded a multi-year contract for Albatros Maritime Surveillance and Intervention Aircraft (AVSIMAR) program from the French Navy. The Falcon 2000 Albatros will feature multifunction radar under the fuselage, a high-performance optronic turret, observation windows, a SAR (Search & Rescue) kit release system and dedicated communication systems. The contract involves an initial order for 7 aircraft, with deliveries starting in 2025 and a plan of total 12 aircraft.

In line with the aeronautical maintenance transformation policy initiated by the French Ministry of the Armed Forces, the Albatros contract commits Dassault Aviation to a guaranteed availability clause, favouring industrial support in close cooperation with Navy personnel for 10 years.

"The Falcon 2000 Albatros is a high-performance aircraft equipped with a mission system and sensors of the latest generation. From the Falcon 20 of the US Coast Guard to the Falcon 2000MSA of the Japanese Coast Guard, as well as the Falcon 200 Guardian and 50M of the French Navy, we have extensive experience in maritime surveillance, in addition to our long experience in maritime patrol with the Atlantique", said Eric Trappier, Chairman and CEO of Dassault Aviation.

The first Falcons on which the program will be based will be manufactured in France. The remainder will be produced in India as part of the offset arrangements related to the 2016 Indian Air Force Rafale contract. The conversion of the 12 Falcon 2000LXS aircraft into the Albatros configuration will all be carried out in France.

"Several countries have shown interest in these aircraft, which provide an effective response to the considerable challenges of homeland protection and maritime security and government action at sea: fighting pollution and trafficking, surveillance of borders and exclusion zones, fisheries policing, search and rescue at sea, etc. It is only fitting that France, which has the world's second largest exclusive economic zone, should be at the forefront in the use of this type of aircraft," continued Mr. Trappier.

Over the past 50 years, Dassault Aviation has modified many Falcon aircraft to adapt them for maritime surveillance, medical evacuation, cargo transport, calibration, intelligence-gathering, training, etc. These multi-role aircraft represent approximately 10 per cent of the Falcon fleet in service. French government services operate Falcon 10, 200, 50, 900, 2000 and 7X aircraft, and will soon add the Falcon 8X aircraft in a strategic intelligence version under the Archange program.

These multi-role Falcon aircraft are a perfect example of the dual civil/military know-how of Dassault Aviation: they benefit from the cutting-edge technologies developed for our fighter aircraft and, at the same time, they take advantage of the industrial processes used in the highly competitive business jets market.

EUROJET Turbo to provide 56 new EJ200 engines for German Air Force via NETMA contract

EUROJET Turbo signed a contract with NATO Eurofighter and Tornado Management Agency (NETMA) to provide 56 new EJ200 engines for the German Air Force. The contract was signed in Munich between Miguel Angel Martin Perez, General Manager of NETMA, and Gerhard Bähr, CEO of EUROJET.

Commenting on the finalisation of the contract Mr Bähr said, "This contract signature is a clear statement of confidence in the platform and of the performance and sustainability of the EJ200 engines



which power it. In addition, it also demonstrates a high level of confidence in the consortium and its European industrial base, and will secure highly skilled

workplaces in the aerospace industry in the coming years."

The contract covers EJ200 engines for a new order of Tranche 4 Typhoon fighter aircraft. Production of the engine modules will be carried out locally by the four partner companies of the EUROJET consortium; Rolls-Royce, MTU Aero Engines, ITP and Avio Aero. As partner for the German Air Force, final assembly of the engines will take place at MTU Aero Engines with deliveries to the German customer scheduled to begin in 2023.

Israel Aerospace Industries crowned as 'Elite Supplier' by Lockheed Martin



Lockheed Martin has named Israel Aerospace Industries as an Elite Supplier for a third year in a row since 2002 for providing a unique solution for reduction in weight and price of horizontal folding stabilizer of Black Hawk helicopter. In 2002, IAI had developed a unique solution in response to a challenge posed by Lockheed Martin's Sikorsky division. IAI provided with 20 per cent weight reduction and reducing the price of the horizontal folding stabilizers of the Black Hawk helicopter in UH/

HH-60M configuration. IAI remains the sole supplier of this product to Lockheed Martin.

Moti Elmalech, General Manager IAI/ELTA Beer Sheva site said, "Being recognized with the award out of many vendors with a global reputation, especially during these challenging times, makes us even more gratified and proud. The ability to maintain perfect performance over time increases our motivation to keep up the good work for this strategic customer. We thank Lockheed Martin for

its decision and for trusting us as their partners for so many years."

The horizontal folding stabilizer is a proprietary IAI development made of composite materials. It controls the ascend and descent of the helicopter. To date, IAI has manufactured over 4,000 stabilizers which are mounted in all the helicopters of the US military. The composite materials consist of graphite fibers that have been saturated with resin to enable molding an assembly that maintains the same physical properties and strength of the product. From a maintenance perspective, this is a highly durable product that withstands corrosion and erosion while being as strong as metal.

IAI was recognized for its impressive compliance with the high standards Lockheed Martin demands of its suppliers, including quality, timeliness, response to special requirements, and attractive pricing.

IAI/ELTA Beer Sheva, specializes in re-designing metal aircraft parts, antennas, and radar domes and their manufacturing from composites to drive down the costs and achieve significant weight reduction and is part of the new innovative division which is being established in the site.

Stevens Aerospace delivers T-34C Military Trainer to US Navy six weeks ahead of schedule

The United States Navy and Marine Corps training squadrons recently received the initial T-34C Military Trainer from Stevens Aerospace and Defence Systems. The delivery was not only done six weeks ahead of schedule but also about twenty-five per cent under budget. The completed T-34C is part of a program that calls for the inspection of six aircraft by 2023.

Feeling proud of their team performance on the T-34C project, Jim Williams, Vice President of Government Operations at Stevens said, "We're extremely proud of the performance of our teams on the T-34C project, particularly with the impact of the pandemic throughout our industry. Even during these extraordinary times,



our crews live by a simple commitment: On Time, On Budget, On Target. This is what our customer requires, and it's our job to meet these expectations on every project."

The two-seat, turboprop trainers require standard five-year conditional

inspections to keep them in top operational shape. To expedite the inspections, the Navy's Undergraduate Flight Training Systems program office (PMA-273) coordinated with AIRWorks, the Naval Air Warfare Centre Aircraft Division's in-house systems integrator to locate a cost-effective solution. AIRWorks selected Stevens, along with Science and Engineering Services LLC, from more than thirty industry partners.

Key to the success of the project was a collaborative working relationship and open dialog between all parties using frequent teleconferences. This was particularly helpful when early inspections revealed significant corrosion issues on the first T-34C inspection.

Indian Navy takes delivery of ninth Boeing P-8I patrol aircraft



Indian Navy recently took delivery of its Ninth Boeing P-8I Patrol Aircraft. This is the first of four additional aircraft under the options contract signed by India's Ministry of Defence in 2016. Also, it is an integral part of Indian Navy's fleet and has surpassed 25,000 flight hours since it was inducted in 2013. Indian Navy was Boeing's first international customer for the P-8 and recently completed seven years of operations

"Our focus has been, and will be, on delivering the world's best maritime patrol aircraft to the Indian Navy," said Surendra

Ahuja, managing director of Boeing Defence India. "The P-8I, with its exceptional maritime surveillance and reconnaissance capabilities, versatility and operational readiness, has proven to be an important asset to the Indian Navy. We remain committed to supporting the modernization and mission readiness of India's defence forces."

Boeing supports India's growing P-8I fleet by providing training of Indian Navy flight crews, spares, ground support equipment and field service representative support. Boeing's integrated logistics sup-

port has enabled the highest state of fleet readiness at the lowest possible cost.

Boeing is currently completing construction of the Training Support & Data Handling Centre at INS Rajali, Arakkonam, Tamil Nadu, and a secondary center at the Naval Institute of Aeronautical Technology, Kochi, as part of a training and support package contract signed in 2019. The indigenous, ground-based training will allow the Indian Navy crew to increase mission proficiency in a shorter time while reducing the on-aircraft training time resulting in increased aircraft availability for mission tasking.

Boeing's advanced aircraft and services focus play an important role in mission-readiness for the Indian Air Force and Indian Navy. Boeing is focused on delivering value to Indian customers with advanced technologies and is committed to creating sustainable value in the Indian aerospace sector – developing local suppliers, and shaping academic and research collaborations with Indian institutions.

IFS to provide robust support to Marshall Aerospace and Defence Group

IFS will be providing a comprehensive Enterprise applications platform to Marshall Aerospace and Defence Group to ensure visibility and control over mission-critical business processes such as manufacturing and maintenance, repair, and overhaul (MRO).

Marshall selected IFS Applications 10, following a competitive bid process. It offered comprehensive and robust support for its complex project and composite manufacturing business, together with an MRO solution for heavy maintenance for its Hercules C-130 and other aerospace & defence customers.

Marshall Aerospace and Defence, Interim CEO, Gary Moynehan said, "For more than a century, Marshall has been entrusted with delivering state-of-the-art products and services to some of the largest and most respected organizations in the global defence space. We have reached this privileged position by adopting new technologies, constantly

looking for ways to improve, and challenging the status quo. Leveraging the robust, industry-specific capabilities of the IFS solution, we are becoming more agile, competitive and profitable, allowing us to accelerate our enterprise performance as we continue to grow globally."

By standardizing processes with IFS, Marshall is able to monitor and analyse all business data from a centralized location while benefitting from a modern platform for support activities. The IFS solution is used throughout the value chain, from first contact with customers to estimating, planning, project management, production, shipping, MRO and in-service support activities. The company also leverages the IFS platform to manage all suppliers and contractors and to address complex trade control requirements of the international defence industry.

Scott Helmer, President of Aerospace

& Defense, IFS, added, "We are proud to be helping Marshall cement its solid reputation for product and service excellence. IFS's continued investment in A&D business solutions is paying dividends for companies like Marshall, who are looking to increase efficiencies and enhance decision-making. We look forward to remaining in close collaboration with Marshall and to continuing our mutually beneficial partnership."

UK-headquartered Marshall is a leading provider of managed services, integrations, and technologies for the global aerospace and defence (A&D) sector. Having embarked on a group-wide initiative to increase agility, competitiveness, and profitability, the company needed an enterprise applications suite that could scale with its manufacturing line of business and at the same time eliminate information silos and process inconsistencies across its divisions and sites.

Veelo Technologies to reduce costs on F-35 Lightning II along with Lockheed Martin and US Navy



Navy's Composites Manufacturing Technology Centre (CMTC) and Lockheed Martin Aeronautics has selected Veelo Technologies to reduce costs on the F-35 Lightning II aircraft program. They will also help to increase the production of composite parts that will be used on the fifth-generation combat aircraft.

Based on their novel heating technology, VeeloHEAT Cauls and VeeloHEAT composite repair blankets will allow for in-situ hot debulk of composites and enable repair of complex curvature parts respectively. The project is being executed through the Office of Naval Research, which manages the Navy Manufacturing Technology Program (ManTech) program. Advanced Technology International (ATI) is under contract

to operate CMTC for Navy ManTech.

Mr. Joe Sprengard, Jr. President & CEO at Veelo Technologies said, "Veelo is proud of the opportunity to develop new capabilities for the F-35, the US government's single largest weapons program. Partnering with Lockheed Martin and the Navy is an example of our company's vision coming to life: to be a trusted partner and problem solver to the world's leading aerospace and defence companies and government institutions."

The technology and expertise Veelo Technologies are providing will eliminate the need to move the tooling used to produce F-35 composite parts to an autoclave for debulking. Building on existing bagging procedures, the addition of VeeloHEAT Caul keeps the tooling out

of the oven by affording heated debulk at the tool during layup. Eliminating this step substantially improves throughput and reduces the time needed for debulking.

VeeloHEAT Caul and VeeloHEAT composite repair blankets provide uniform heating, even on the complex geometries found in the F-35 program. It also cools quickly and is highly uniform across large surface areas. Veelo's heating technologies are durable, damage tolerant, and drapable to allow for net-shaped solutions. VeeloHEAT Cauls are engineered with materials such as Viton that meet cleanroom requirements.

Additionally, VeeloHEAT Cauls and composite repair blankets can be controlled with existing hot bonders or VeeloHEAT Controllers.

Collins Aerospace to provide nacelle technology on Boom's supersonic 'Overture'



Collins Aerospace Systems has signed a collaboration agreement with Boom Supersonic, the aerospace company building the world's fastest airliner, to advance nacelle technology on Boom's forthcoming flagship supersonic airliner, Overture. Overture will be the world's fastest airliner and is designed and committed to industry-leading standards of speed, safety, and sustainability.

Collins Aerospace engineers will work in concert with Boom to develop inlet, nacelle and exhaust system technologies that enable fuel-burn reduction and cutting-edge acoustics for cleaner and quieter supersonic flight. They will do this via lightweight aerostructures and variable nacelle geometry. Collins Aerospace has been providing innova-

tive nacelle technology for more than 70 years, including development of the first commercial variable fan nozzle for high-bypass-ratio geared turbofan (GTF) engines.

"Through improved acoustics and lightweight materials systems, we can provide the next generation of supersonic propulsion systems with the nacelle technologies that not only enable higher performance and lower fuel burn, but also quieter operation," said Marc Duvall, president, Aerostructures, Collins Aerospace. "Having completed 19 nacelle certification programs over the past decade, we're uniquely positioned to collaborate with Boom Supersonic to create new propulsion-system solutions that will be key enablers of Overture's success."

The combined engineering team will be exploring the development of advanced acoustics and variable inlet and exhaust technologies required to minimize aircraft noise for passengers and airport communities while enhancing performance.

"Boom is taking an all-encompassing approach to sustainability — from our commitment to make Overture 100% carbon neutral to minimizing community noise and emissions, we're dedicated to making mainstream supersonic travel environmentally and economically sustainable," said Blake Scholl, Boom founder and CEO. "We are leveraging Collins' experience in developing more fuel efficient and noise attenuating technologies for nacelles to help us develop Overture as an environmentally responsible supersonic jet."

Boom's mission is to make the world dramatically more accessible by making supersonic travel mainstream. Overture is in its design phase with plans to finalize the configuration and begin building the first airliner while XB-1 is flying supersonic. Boom will roll out the first completed Overture aircraft in 2025, with entry into service planned for 2029.

Northrop Grumman successfully demonstrates the missile defence capabilities

The Missile Defence Agency successfully intercepted a Northrop Grumman Corporation built Intercontinental Ballistic Missile (ICBM) target that was launched during a flight test from the Reagan Test Site in the Kwajalein Atoll.

FTM-44 satisfies a Congressional mandate to demonstrate that the MDA can use the Navy's Aegis Combat System equipped with the Standard Missile 3 Block IIA (SM-3 IIA) to intercept intercontinental threats.

"As the ICBM target prime contractor for the Missile Defence Agency, we understand how critical it is to launch a realistic threat target to ensure our nation's defence systems work when called upon," said Scott Lehr, vice president and general manager, launch and missile defence systems,

Northrop Grumman. "With this successful test, the MDA has successfully demonstrated critical capabilities for the defence of our country utilizing many of Northrop Grumman's missile defence capabilities."

Northrop Grumman is also the prime contractor on the Intermediate-Range Ballistic Missile (IRBM) target, which is air-launched from a C-17 aircraft to provide the MDA with flexibility in mission engagement scenarios. To date, the company has supported three ICBM target launches and five IRBM target launches with 18 more on contract for future test missions with the MDA. Northrop Grumman also offers additional short, medium and long-range targets to meet evolving threats.



Daniel J. Crowley appointed as the new Chief of Board at Triumph Group

Triumph Group has recently extended the agreement with President and Chief Executive Officer Daniel J. Crowley for another five years. Apart from extending the contract the new agreement also elects him as the Chief of the Board.

Barbara Humpton, Chair of Triumph's Compensation and Management Development Committee said, "We are grateful for Dan's decision to continue his leadership of the Company. The continuity of his leadership is incredibly important as the Company continues its transformation and positions itself for the future."

The Company also announced that its Board of Directors has unanimously elected Mr. Crowley as Board Chair, effective immediately. Mr. Crowley succeeds General Ralph "Ed" Eberhart, who has served as a director since June 2010 and as non-executive Chairman of the Board since April 2015. Gen. Eberhart will remain on the Board and will assume the role of Lead Independent Director, effective immediately.

"Dan has demonstrated exceptional leadership of Triumph and spearheaded the execution of our multiyear transformation plan, which stabilized performance, focused our portfolio and better

positioned Triumph to win," said General Larry O. Spencer, Chair of Triumph's Nominating and Corporate Governance Committee. "The Board believes Dan's proven leadership capabilities, strategic and operational expertise, and deep understanding of the aerospace and defense industry make him well-qualified to lead Triumph in the added role of Board Chair."

Gen. Spencer continued, "I am confident that Ed will continue to uphold our legacy of strong governance and meaningful shareholder engagement in his new role as Lead Independent Director. Together with Dan, Ed and the rest of the Board, we will deliver on our commitment to drive shareholder value."

"I am honoured by the confidence the Board has placed in me," said Mr. Crowley. "I look forward to continuing to work with the Board, our strong leadership team and our dedicated team members to fully realize the benefits of our transformation efforts as we become a premier design, manufacturing and support company."

Mr. Crowley continued, "General Eberhart has brought valuable industry and government perspectives to the Board, and we are glad Triumph will continue

to benefit from his insights in his new role as Lead Independent Director. I've had the honor to learn from Ed in his capacity as Chair, and together with the rest of our active, highly engaged committee chairs and Board of Directors, we will continue our pivotal work underway."

The Triumph Group Board of Directors comprises nine directors, eight of whom are independent and five of whom have been added to the Board since 2018.



Veteran in luxury asset business, Rich Eilers joins Adyson Aviation Group as US Sales Director



With an experience of about 26 years in luxury asset business, Rich Eilers is appointed as the US Sales Director by Adyson Aviation Group. Prior to this, he's worked with some of the world's premier executive and private transportation brands. Eilers brings extensive knowledge and experience in operations, business development and project management to the role.

"I'm happy to have Rich join the team," said Dan Dunn, Founder and CEO of Adyson Aviation Group. "I've had years of experience watching him pour his heart and soul into every customer relationship, and his customer focused ethic is the right skillset for Adyson Aviation Group. His detailed focus on caring for our clients and finding meaningful solutions will help round out our US business development team. I am confident that his drive to find solutions will make him invaluable to our team and clients."

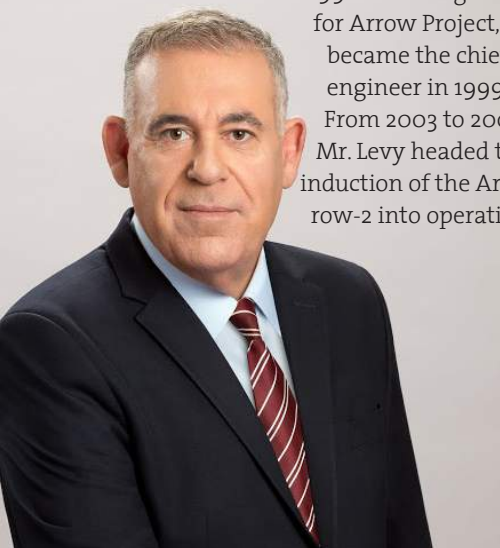
As Sales Director for the US, Eilers will assist with overall aircraft sales, market research, aircraft valuations, market reviews and client proposal development. He has a broad sales background and a reputation for hands-on entrepreneurial drive. Most recently, Eilers served as the Customer Service Manager of Viking Yachting Center, where he oversaw all daily operations.

Israel Aerospace Industries welcomes their new CEO – Boaz Levy

In a career spanning over three decades in Israel Aerospace Industries, Mr. Boaz Levy is nominated as the new CEO. This nomination will now be submitted to the Minister of Defence, Lt. General (ret) Benjamin Gantz, and the Minister for Cyber & National Digital Matters, Dudi Amsalem who supervising the Israel Government Companies Authority. Mr. Levy will be succeeding Maj. General (ret.) Nimrod Sheffer who retired at the end of October.

Mr. Levy's has a string of achievements at the IAI. After joining the company

on 1990 as an engineer for Arrow Project, he became the chief engineer in 1999. From 2003 to 2006, Mr. Levy headed the induction of the Arrow-2 into operation-



al service after going through numerous successful test flights. From 2006 to 2010 he headed the Barak-8 program, which evolved into one of the world's most advanced air defence systems and became one of IAI's most significant growth engines.

IAI's Chairman of the Board, Harel Locker said, "Following a thorough and detailed evaluation of candidates for the position, the board of directors decided unanimously to approve the search committee's recommendation to nominate Boaz Levy as CEO. Levy has successfully managed the Systems Missiles and Space Group's most profitable group that in recent years has made technological and financial groundbreaking achievements. Boaz knows the domestic and international defence market and understands our customer's needs. The past year marks a record in IAI's financial results- we exceeded annual revenue of USD4B for the first time. Managing an enterprise like IAI is a complicated task. The board of directors trusts Boaz and his capabilities and experience to continue the momentum and transformation the company is going through, facing the future commercial and technological challenges."

In 2010, Boaz Levy was appointed as

general manager of IAI's air defence division and in 2013 he became Vice President of the Systems Missiles and Space Group, leading the group to become IAI's most profitable and successful business unit. Over the years, Levy has pursued groundbreaking technological developments that are cornerstones of Israel's defence. Several of those programs have won the Israel Defence Prize presented annually by the President of Israel to people and organizations who made significant contributions to the defence of the State of Israel.

Boaz Levy said, "I thank IAI's Board of Directors for the trust in selecting me as CEO. It is an honor to lead this enterprise that has been my home for decades. I plan to lead the company in full cooperation with management to benefit our customers, employees, partners, and stakeholders, locally and abroad. The challenge I face is great. IAI has transformed in recent years, but we still have a considerable way to achieve the company's potential and strengthen our position in existing and new markets."

Levy is also responsible for some of the largest defence export sales in Israel's history, including the sale of the Barak Weapon System worth over USD 6B US.

Sam McRickard appointed as new Project Manager at West Star Aviation, Grand Junction facility

Sam McRickard is appointed as the new Project Manager at West Star Aviation's Grand Junction, Colorado (GJT) facility. Sam has several years of aviation experience, with previous project management positions at Cirrus for their research and development programs, along with their engineering design and certification.

"Sam's previous experience in program management will be valuable to the West Star team and be an extra asset to our customers," said Dave Krogman, General Manager (GJT).

"I am eager to be working directly with customers again and passionate about helping them get exactly what they envision when transforming their aircraft and leaving with the best experience possible from West Star," said Sam McRickard, Program Manager (GJT).

West Star Aviation specializes in the repair and maintenance of airframes, engines and APU's, avionics installations and repair, major modifications, interior refurbishment, exterior paint, accessory services and parts.

Dave Yip appointed as General Manager at Metrojet's Hong Kong MRO

Mr. Dave Yip is appointed as the new General Manager at the Metrojet Hong Kong MRO. Dave will work closely with both the HK and Clark MROs, Safety and Quality, and Sales teams to continue with Metrojet's transformation efforts and to develop and successfully implement the future maintenance strategy and business direction within the Asia region.

He holds a master's degree in international management and 20 years' experience in business and commercial aviation. Dave started his aviation career at HAECO's Maintenance Planning Team. He moved into business aviation with Metrojet in 2006 as an Engineering Support Manager. Prior to re-joining Metrojet as the Director, Business Development for Aircraft Management & Charter in 2019, Dave was with Hongkong Jet for eight years, where in his most recent role as the Chief Operating Officer.

Claus Bauer appointed as the new head of SWISS technical division

Swiss International Air Lines (SWISS) has appointed Claus Bauer as the new head of SWISS technical division, effective 1st February 2021. He comes with a strong experience of 20 years at Lufthansa Technik, as Head of Product Division Engine, with responsibility for an international production network of the Lufthansa Group subsidiary. He will assume his new duties as Head of Technical Fleet Management and Process Owner Engineering, in overall charge of some 1,000 personnel. Peter Wojahn, SWISS's present Head of Technical Fleet Management, will take scheduled retirement at the end of January 2021 after almost 40 years in the airline industry, the last 13 of them as Head of SWISS's Technical Fleet Management.

"We are delighted that, in Claus Bauer, we have secured the services of such an experienced technical specialist for this demanding position," says SWISS CEO Thomas Klühr. "Claus Bauer has all the requisite expertise to enable the technical division of SWISS to act and react

swiftly and flexibly, especially in such crisis times."

Claus Bauer has driven the global growth of Lufthansa Technik's engine maintenance, repair and overhaul (MRO) activities over the past few years, including the establishment of major new operating locations under joint-venture partnerships. He has also been a keen proponent of digital innovations such as numerical fleet life-cycle optimization.

A native of Frankfurt, Claus Bauer holds a Doctorate in Mechanical Engineering from the University of Darmstadt, Germany.

"In his time with us at SWISS, Peter Wojahn has further developed and expanded our technical division with great entrepreneurial drive and conviction, and has helped make SWISS an industry wide exemplar of an airline with its own integrated technical services operation," Thomas Klühr continues. "On behalf of our entire Management Board, I offer him my sincere thanks for his many years of exceptional work and commit-

ment, and I wish him all the very best for his well-earned retirement."

Peter Wojahn is widely regarded as one of the airline sectors' most experienced MRO specialists. Under his tenure, the technical division of SWISS has been remodelled and restructured to enable it to autonomously deliver all the technical services required for the daily operation of the SWISS aircraft fleet, independently of external providers.



Looking forward to build on Brussel Airlines strengths and improve competitiveness- Peter Gerber

Peter Gerber will step down as the CEO of Lufthansa Cargo to join as the CEO of Brussels Airlines effective March 1st 2021. He will also fulfil the newly created role of Lufthansa Group Chief Representative for European Affairs in Brussels.

Dieter Vranckx, the current CEO of Brussels Airlines will be the new CEO of Swiss Airways effective from January 1st 2021.



"Together with the other members of the Lufthansa Group Executive Board, I wish to thank Dieter for his exemplary commitment in guiding Brussels Airlines through rough times. The Belgian airline is on the right path towards a financially healthy future", explained Christina Foerster, Member of the Lufthansa Group Executive Board Customer, IT & Corporate Responsibility.

"In the last months, Brussels Airlines has reached important milestones within its turnaround plan 'Reboot Plus'. At the end of this year, we will have accomplished more than 90 per cent of our restructuring. Being already today more efficient and leaner than in the past helps us to manage the current unprecedented crisis", explained Dieter Vranckx, CEO of Brussels Airlines. "Together with a very professional and committed staff, Peter Gerber and my colleagues of the

Extended Management Board, will make sure that Brussels Airlines gets out of the crisis stronger than before", added Dieter Vranckx.

"Brussels Airlines has many assets and together with the Brussels Airlines management and all 3,500 employees I am looking forward to build on the company's strengths while increasing our competitiveness and making our way of working future proof," said Peter Gerber, future CEO of Brussels Airlines and Lufthansa Group Chief Representative for European Affairs in Brussels.

Peter Gerber has been Chairman of the Executive Board of Lufthansa Cargo AG since May 2014. In addition to this role, Gerber holds mandate at different companies and associations, such as a seat on the Supervisory Board of Fraport AG and the position as Chairman of the IATA Cargo Advisory Council.

Jason Bennick appointed as President of Digital Innovation Group at GA Telesis

Jason Bennick, a veteran technology entrepreneur is appointed as President of Digital Innovation Group at GA Telesis. Bennick will oversee this new group and lead the Company's digital innovation strategies. This will include assuming leadership of a new blockchain-supported FinTech company, BlockIt.

Prior to joining GA Telesis, Bennick has 25-year career in building technology and operations solutions, platforms, and Software as a Service ("SaaS") companies, most recently co-founding digital product agency, Product Lab LLC, based in New York. As Senior Managing Partner, his primary focus was to develop strategic business solution architecture for enterprise customers in North America while managing overall P&L, resource development, client procurement, and acquiring strategic partnerships for emerging technologies.

Jason is a Certified Blockchain Expert, former Hyperledger Forum Speaker, and presented at the 2018 Hyperledger

Global Forum, a blockchain and decentralized ledger technology solution and strategy to track and trace the lifecycle of automotive vehicles from a VIN scan. He has been innovating enterprise blockchain strategies since 2016, including a mobile vehicle subscription service on blockchain, securitized automotive floor plan lending in a token economy, and a privacy-compliant automated lead management system using decentralized identity.

"Jason is a strategic, innovative thinker with grounded startup experience and passionate leadership in the technology sector," said Abdol Moabery, President & CEO of GA Telesis. "He's a solid addition to our executive team, and I'm looking forward to working with him and launching our strategies to become a market leader in digital technology innovation."

His prior experience includes building and managing USD 50 million in film, video, and broadcast facilities, teams,

and projects globally, and building technology operations.

"The world is experiencing digital transformation at a pace never before imagined. Planning and executing on innovative solutions using emerging technologies is foundational to leading the charge in global business transformation. This is an incredible opportunity, and I am truly excited to lead this journey with such a remarkable team," said Bennick.

The Digital Innovation Group ("DIG") was formed in 2018 as a "vision division" by GA Telesis Founder and CEO Abdol Moabery. Seeing the world shifting to digital-driven business models and emerging technologies paving the future for finance, DIG is intended to not only secure the digital future of GA Telesis but become a leader in pioneering high-value technology solutions that help shape the future of business for the 21st century.

Abby Bried joins Panasonic Avionics as Vice President and General Counsel

With over 25 years of experience in aviation industry, Abby Bried is appointed as the Vice President and General Counsel at Panasonic Avionics Corporation. She will report directly to Jessica Hodkinson, Vice President, General Counsel and Secretary of Panasonic Corporation of North America, with a dotted line reporting structure

to Panasonic Avionics' President and Chief Executive Officer, Ken Sain. Prior to Panasonic she has worked as a trusted legal advisor and business partner at three major US carriers – Northwest Airlines, Continental Airlines and United Airlines, where she was Associate General Counsel from 2012 to 2017.

Ken Sain said, "We are delighted to welcome Abby to Panasonic Avionics. With her longstanding experience and proven track record as a legal counsel, and deep rooted knowledge of aviation, we know she will be a great asset to our business."

Abby will advise on laws, regulations, public policy, ethics and risk that impact the company. She will oversee and lead Panasonic Avionics' legal team in its delivery of legal services and other resources throughout the company to accomplish its corporate goals, strategies and priorities. She will also serve as a member of Panasonic Avionics' senior leadership team, developing and leading

its corporate legal strategy.

She joins Panasonic Avionics from the international law firm, Jenner & Block LLP, where she was a Washington DC-based partner, building a new aviation and aerospace practice group that focused on commercial aviation as well as emerging technologies in operational and manufacturing areas.

Abby said, "As aviation recovers from its biggest economic challenge, Panasonic Avionics will play a crucial role in transforming the customer experience and enhancing airline operations, and I am thrilled to be joining this innovative industry leader at this critical time."

Abby is recognized as a global legal, compliance and diversity leader in the aviation industry, with key roles in trade associations including IATA (International Air Transport Association) and A4A (Airlines for America). She is also the past President of the International Aviation Women's Association (IAWA).



International CALENDAR

2020

**07-11
DEC**

ATCA Annual Conference & Exposition
DWC, Dubai, UAE

2021

**16-18
FEB**

Saudi International Airshow
Thumamah Airport, Riyadh,
Saudi Arabia

**22-24
FEB**

The MEBAA Show
DWC, Dubai Airshow Site, UAE

**27-29
MAY**

France Air Expo
Lyon Bron Airport – LFLY

**22-23
JUN**

Aviation Festival Asia 2020
Suntec Convention Centre,
Singapore

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