

air cargo update

Vol. 9 Issue 11, No. 81, November 2019

The first and only PAN-Regional Magazine
Middle East - Africa - Asia and beyond



Steve Townes
Chairman & CEO, ACL Workshop
CEO & Founder, Ranger Aerospace LLC

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EDITORIAL

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update**Monthly: Vol 09 | Issue 11 | No. 81**
Middle East, Africa, Asia & beyond

Air Cargo Update serves as a platform to share news and discuss critical issues within the Air Cargo Industry from the Middle East, South Asia and African region.

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Editor's Note

Tech upgrades

Technology has made the world smaller and faster.

Real time communication with people from all over the world at different time zones through phones and gadgets or social media apps. Global access to sell goods online for big or small companies. Immediate and unlimited access to information through the internet. Automated systems for various services. Online payment transactions with service providers, merchants, banks, credits cards, etc. Instant deliveries, among many other tech-driven services.

Technology does come with a price. Each software costs money for individuals or companies every year for licenses unless the agreement is in perpetuity. But the benefits of using technology, whether for business or personal use, still outweigh the costs involved.

That realization has long been acknowledged in the air cargo industry but it remains struggling to catch up with the changing times.

In this edition, we'll bring you stories of how the air cargo industry, airlines, airports and even communities are catching up with technology to reach their goals. Airports and airlines have reportedly spent \$50 billion in 2018 for IT projects to enhance the travel experience of passengers.

On our cover story, we'll share the story of ACL Airshop, which traces its humble beginnings in Greenville, South Carolina, but is now present in 6 continents. Its main products, ULDs, have also embraced technology using Bluetooth to track down shipments and monitor temperature.

In India, drones are now being used to deliver healthcare and pharmaceutical supplies to reach even far flung villages.

We'll also share with you, insights from a successful female English lawyer who left her career in the legal profession for the more unpredictable but exciting air cargo industry.

Read on the latest news and features in the air freight industry in this edition of **Air Cargo Update**.

Gemma Q. Casas
Editor-in-Chief

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This young CEO is into CrossFit and reading books

Rob Watts is not even 30 yet he's been named the CEO of Aerotask, a growing aviation consultancy firm based in Dubai that provides bespoke solutions across a range of business management and financial strategies.

In February of 2019, the UK-based ACC Aviation Group acquired Aerotask mainly to support its ongoing expansion into Asia, Africa and the United States. The move also reinforces its presence in the Middle East, complementing its capabilities across ACMI leasing, air charter, aircraft interiors aftermarket, aviation asset management as well as providing strategic advisory services.

The acquisition had also turned Watts into Director of Advisory at ACC Aviation Group since March of 2019.

One of the most sought after young speakers and lecturers in the industry, Watts specializes in aviation accounting and finance enabling him to constantly travel across the world.

Coming from a military family from Alberta, Canada who shifts from one place to another in the line of duty, traveling is nothing new to Watts who finds aviation fascinating and dynamic.

"I was born and raised in Canada and I came here (Dubai) after high school. My family is military so we go city by city," he shared.

Watts can talk endlessly about the complex aviation industry in different parts of the world with substantive insights and analysis, in particular financing, management and innovative solutions.

"Africa definitely has huge amount of potentials if you look at the size of the continent and the requirements for air travels and its populations. Nigeria in particular is gigantic and has huge potentials. But the challenges are



Rob Watts
CEO, Aerotask of ACC Aviation Group

also a lot. There are lots of regulations that make it difficult for airlines to enter the market. There's a huge capital needed to launch an airline and there's not as much capital available in Africa compared to other parts of the world and people outside of Africa view it as high risk than it actually is," Watts briefly said about Africa's aviation industry.

This young CEO who took his Bachelor of Commerce Major in Accounting and Finance at the University of Wollongong in Dubai remains modest despite his quick ascend to the corporate world and the global aviation industry.

"Yes, I am young," said Watts, a Canadian, when **Air Cargo Update** pointed out he seems young to be given the responsibility of a CEO in a growing aviation firm with a global footprint. "I think I've been given great opportunities. I've just been at the right time and at the right place."

Watts said he was part of Aerotask's starting team and worked his way up before he was entrusted the position of CEO a year ago.

"It's a very big task and there are a lot of decisions to be made but I have a very good team. I'm more of a cheerleader," he modestly said.

To stay healthy and in shape, Watts shared he does "crossfit" also known as the "sport of fitness" which involves varied, high-intensity functional movements primarily to condition the body and build strength.

"I'm into CrossFit to keep in shape and build the business," said Watts.

He's also into reading. But at the time of the interview, Watts says with a smile he has 15 books "waiting to be read but not read yet" given his busy schedule.



Turkish Cargo gets 6th Boeing 777



ISTANBUL: Turkish Cargo received its sixth brand new Boeing 777 freighter, capable of flying at 575 mph (930 km/h) at 35,000-ft (10,675 m) with maximum speed of Mach 0.87, which also comes with substantial benefits in terms of operational costs, efficiency and reliability in

intercontinental journeys.

Regarded as the fastest growing air cargo brand in the world, Turkish Cargo is set to receive two more B 777 through 2020 as part of its fleet upgrade project. The cargo airline received its first delivery of B 777 freighter in 2017.

Taking off from Everett Paine Airport (Seattle/USA) and landing at Ataturk Airport on October 16, the Boeing 777 Freighter falls under the new-generation freighter category capable of carrying 102 tons and equipped with a high level of fuel saving and technical safety.

According to global market research firm WorldACD, Turkish Cargo posted 7.5 percent tonnage growth rate in August despite the world market shrinking by 7.1 percent during the period.

Turkish Airlines says it continues to upgrade and develop its fleet of 344 aircraft, including Turkish Cargo's fleet of 24 freighters.

Turkish Cargo continues to pursue its goal of becoming one of the top 5 global air cargo brands by 2023 with its wide network of 88 direct cargo destinations at 126 countries across the globe, with support from Turkish Airlines which flies to more than 300 destinations.

New ECS Group CCO says firm is 'reinventing' itself through digital technology and business intelligence tools

PARIS: Air cargo industry stalwart Robert Van de Weg who recently joined ECS Group as CCO says the company is undergoing major transformation by combining digital technology and Business Intelligence tools that will help its airline clients move forward.

"We're no longer simply a GSSA," said Van de Weg whose stellar career history includes top positions at KLM Cargo, Atlas Air, Cargolux and, most recently, as VP Sales & Marketing for Volga Dnepr Group.

"ECS Group represents the future of our industry – reinventing it and driving it forward," said Van de Weg. "Joining ECS Group means making a contribution to the revival of this industry, and it means putting in place a clear and ambitious strategy, supported by digital technology and Business Intelligence tools that can

help our airline clients move forward. That's why I accepted this position as CCO and it's probably the most exciting challenge of my career."

Through Van de Weg's help, ECS, already known as the Total Cargo Management expert, reaffirms its ability to guarantee cutting-edge service for airlines and a range of innovative comprehensive solutions.

"We're completely redefining the contours of what we do. We've created a robust set-up that's built entirely around sales development, supported by an innovative digital strategy. This means that we're capable of bringing new expertise and a business vision to the table that perfectly meet the needs expressed by airlines, and Robert is without a doubt the perfect contact for our clients," said Adrien Thominet, ECS Group CEO.



Robert Van de Weg

Already a TCM expert, ECS Group is continuing its transformation with a total break from the traditional GSA model. Sales teams – who were already well equipped thanks to existing investment in the group's digital transition – are trained and fully capable of bringing about this change.



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American Airlines marks 75th Anniversary of first scheduled cargo flight



FORT WORTH, Texas: American Airlines celebrated on October 15 the 75th anniversary of its first cargo flight, a significant milestone in the airline's rich history of connecting the world beyond passenger service since 1944.

The airline has a long history of innovation within the cargo operation, marked by industry firsts such as the first scheduled air cargo service in the world, the first pet carrier container, and the first unit load container (ULD).

Supported by loyal team members, some hold as many as 50 years of experience working for the cargo operation. Other milestones include an award-winning reputation as an air cargo carrier, a record-breaking 2018 year earning over \$1 billion in revenue, and more recently exceeding flown-as-booked (FAB) performance goals for 12 consecutive months.

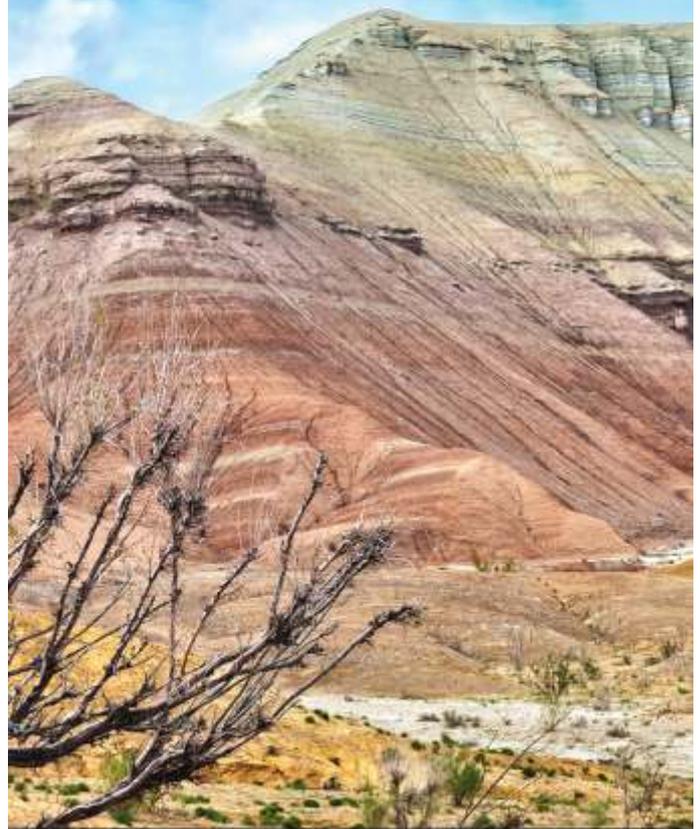
American continues to focus efforts on how to modernize, innovate and connect the world in better ways, and the airline is currently making its largest single investment in its cargo operation to date with a new IT infrastructure. The first phase of the system went live on October 1 and provides an enhanced online booking platform, increased visibility around the world, and a robust back-end system that will further improve customer and employee experience.

"From the DC-3s American Airlines flew in our early days to the modern, fuel efficient B777-300ERs and B787-9s in our fleet today, we are extremely proud of the history of this airline's cargo division," says American Airlines Cargo President Rick Elieson. "We've achieved a lot over the past 75 years. I'm proud to be part of an organization that embraces innovation and I'm excited to see what we do next."

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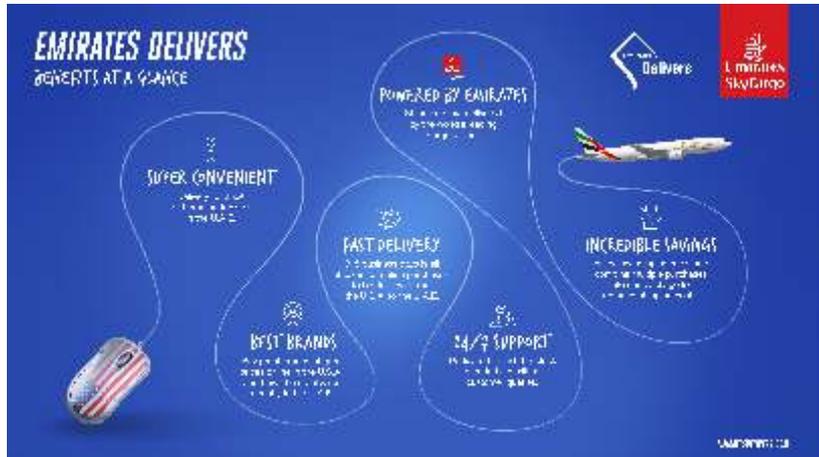
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Say hello to 'Emirates Delivers'

With access to over 100 Emirates weekly flights, including scheduled freighter services between Dubai and the United States, Emirates SkyCargo pledges to deliver within 3-5 days' goods purchased in the US for shipment to Dubai, at lesser costs than other couriers in the market.



Nabil Sultan
Emirates Divisional Senior
Vice President, Cargo, at the press
launch for Emirates Delivers.

DUBAI: With unrivalled access to Emirates' belly capacity on over 100 weekly flights, including scheduled freighter services, to 13 destinations across the United States, Emirates SkyCargo launched in mid-October the e-commerce delivery platform "Emirates Delivers" which offers speed and huge savings for the budget conscious consumers.

Emirates Delivers allows customers shopping from multiple online retailers in the US to consolidate their purchases and have the goods delivered to a home or office address supplied for free by Emirates SkyCargo when they register, also at no cost, on its e-commerce delivery platform, which also offers shipping rates calculator.

The new delivery platform supports Dubai's vision to become a global hub for e-commerce as envisioned under the Dubai Silk Road Strategy announced by His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of The Executive Council of Dubai.

Fast, reliable and cost-effective, Emirates Delivers targets both individual customers and small businesses regularly shopping online for their personal or business needs. It is an open e-commerce fulfilment platform that can also be used by other e-commerce businesses and logistics integrators.

"Emirates SkyCargo is delighted to be the first international cargo airline in the world to develop a dedicated e-commerce delivery platform. Currently,

Emirates Delivers enables consumers to purchase their favorite products from any US based online retail store and have it delivered in the UAE," said Nabil Sultan, Emirates Divisional Senior Vice President, Cargo.

"The launch of Emirates Delivers is in line with our strategy to roll out specialized and innovative air transportation products targeted at industry verticals and with our efforts to position Dubai as a global e-commerce fulfilment hub for customers based in the Middle East, Asia and Africa. This is line with the Dubai Silk Road Strategy announced earlier this year by HH Sheikh Hamdan which aims to strengthen Dubai's position as a key trade and logistics hub," he added.

Sultan noted the e-commerce industry has grown by more than 150% over the last five years and Emirates Delivers is the result of their collaboration with industry partners to come up with innovative solution for this growing market.

"We are actively working on expanding the availability of Emirates Delivers to a larger number of source and destination markets in the near future," he said.

Dennis Lister, Vice President Cargo Commercial Development at Emirates SkyCargo, said customers can avail Emirates Delivers services by registering for free online at www.emiratesdelivers.com.

On completion of registration, members are allocated a unique and

free Emirates Delivers mailing address in the USA. Customers can have their online purchases from US e-commerce retailers delivered to this address where the goods can be stored free of charge for up to 30 days, said Lister.

Customers have the flexibility to create a shipping request anytime within these 30 days and have their purchases consolidated into one parcel and have this delivered to their designated UAE address. The packages will be transported to Dubai on Emirates SkyCargo's flights from the US and will then be delivered to the shopper's doorstep within 3-5 days of the creation of the shipping request.

Lister highlighted customers can also benefit from reduced shipping weights thanks to repacking through which packaging material from each individual shipment is removed and the goods are packed into one consolidated box.

Through Emirates Delivers, customers can save money through cheaper shipping costs both when shipping within the US from the retailer to their Emirates Delivers mailing address and through the competitive shipping rates offered by Emirates Delivers to move goods from the US to Dubai, the cargo carrier's officials said.

Emirates SkyCargo transported over 2.7 million tons of cargo during Financial Year 2018/19 across its global network of more than 155 destinations spread over six continents through its hub in Dubai.



Turkish Technic and Satair sign agreement to support Airbus fleet maintenance



ISTANBUL: Turkish Technic and Satair have recently signed a strategic General Terms Agreement (GTA) calling for their joint expertise to support the maintenance of Airbus fleet.

Under the GTA, Satair will support Turkish Technic with consumable and expendable spares (C&E) for the expanding Airbus aircraft fleet that is maintained by Turkish Technic.

The companies said the agreement supports both Airbus standard hardware supplied from the Airbus

warehouses in Hamburg and C&E material from Satair's global warehouses.

With this tailor-made GTA, aircraft part numbers can be added and removed from the GTA in a dynamic manner to reflect real-time planning and forecast input, the firms said.

Adding that the GTA agreement covers a wide range of distribution channels, which provides a reliable single point of contact for all customers and the nearly 290 suppliers managed by Satair. As a

result of this agreement, Turkish Technic will benefit more stock availability, reduced lead-times and performance dedication from Satair, enabling planning improvements, reduced vendor complexity and transactional cost savings.

"The cooperation between Turkish Technic and Satair is a milestone in meeting the demands of the market. Without a doubt, this agreement is a great addition to our portfolio to support our customers with maximum efficiency," said Irfan Demir, the CCO of Turkish Technic.

Terry Stone, Managing Director and Head of Sales of Support, Europe, Middle East & Afrida, added, "This GTA symbolises the trust and respect developed through a close partnership and paves the way for even more advanced solutions in the future."

Lödige Industries launches automated guided vehicle for airfreight and baggage ULDs

MUNICH/PADERBORN: Lödige



Industries has introduced in the market its latest innovation for intelligent automated Unit Load Device (ULD) at the recently held "Inter Airport Europe 2019" trade show held in Munich.

Lödige said the automated guided vehicle (AGV) for the ULDs is computer-controlled and comes with 5-foot and 10-foot model for different sizes of ULDs, with the larger variant capable of lifting and transferring palletized loadings,

designed to boost operational efficiencies in baggage and cargo transport.

At speed of 3 meters per second, the 10ft model can handle various ULD contours and runs one shift on a single battery charge. It's maximum load capacity of 6,800 kilograms covers all possible 10ft-ULDs. The 5ft model carries loads up to 1,588 kg for 12 hours straight. Customers are able to order the 5ft model immediately, the 10ft device will be available from the summer of 2020, said Lödige.

The battery-powered load carrier allows operators to connect the various terminal areas in a flexible and scalable way, establishing for example an effective link between landside-based truck docks and airside-based ULD storage or other repetitive intra-terminal transfers,

Lödige added.

"The driverless AGV will enable operators to free up staff for higher value assignments. Furthermore, it is an effective tool for use when space is scarce and flexibility is critical. The AGV has the potential to lower fixed costs by making floor-mounted roller conveyors redundant which have traditionally been seen as the most economical way of conveying airfreight," the company noted.

Lödige's conveying technology has been installed at more than 40 cargo terminals around the world and manages just over a quarter of the 56-million-ton global airfreight volume. Besides yielding benefits on costs and flexibility, the AGV also helps improve safety as it is equipped with laser scanners and other sensors that detect obstacles preventing impact.



GLOBAL NEWS

Volga-Dnepr Group delivers mobile bio-medical labs to fight Ebola



MOSCOW: Volga-Dnepr Group assisted the Mérieux Foundation's efforts to control the Ebola virus disease epidemic in the Democratic Republic of the Congo by undertaking a special cargo flight in October carrying mobile bio-medical laboratories.

The emergency cargo flight carried three 40-ft "plug and play" mobile container laboratories built in the Rhone-Alpes region of France belonging to the Merieux Foundation as well as a mobile laboratory truck belonging to the Praesens Foundation of Belgium.

The cargo was transported to Kigali,

Rwanda by the unique capabilities of Volga-Dnepr's AN124 before being transferred overland to Goma, Democratic Republic of Congo where the government National Institute for Biomedical research will operate the life-saving laboratories.

The DRC has been struggling to contain the spread of the Ebola epidemic in recent times and the charter flight was a race against the clock to be able to improve the Ebola diagnostic capacities in the city of Goma.

The Merieux Foundation had first received the call to respond to this national emergency back in July and

within 2 months, the special biosafety level 2 and level 3 containers were ready to be shipped by Volga-Dnepr.

These laboratories are essential to perform reliable and rapid diagnostic tests and to ensure biological monitoring of patients. The containers were joined on the giant AN124 by the truck-based mobile laboratory from Praesens, working in conjunction with the Africa Centres for Disease control and prevention.

"We take great pride in being able to assist with such critical humanitarian air cargo deliveries. We have worked very closely with our colleagues at Bioport Logistique over the last month to ensure that this urgent and life-saving delivery could take place. The laboratories need to be treated with special care throughout the loading/unloading and delivery process," said Stuart Smith, Global Director Humanitarian, Volga-Dnepr Group.

Volga-Dnepr Group and partner airlines operates a combined fleet of nearly 50 all-cargo aircraft including the world's largest commercial fleet of ramp-loading Antonov124 and Ilyushin76-TD-90VD aircrafts. The Group has responded to many of the world's recent natural disasters and crises including recent air cargo assistance in Mozambique, Afghanistan, Indonesia and Guam.

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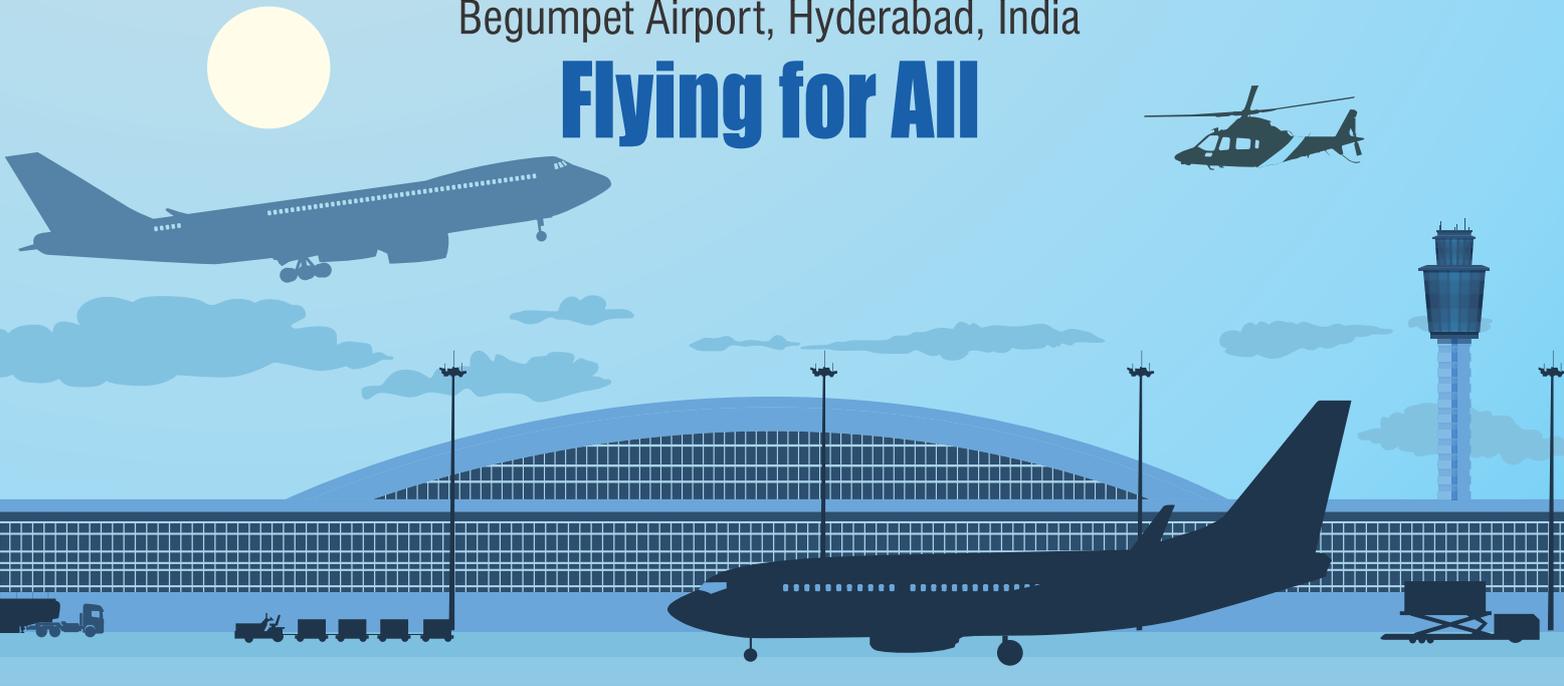


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GLOBAL NEWS

Cargolux passes 7th IOSA audit on 900 different standards with flying colors



LUXEMBOURG: Cargolux Airlines International S.A. has passed its seventh IOSA audit with exceptionally good results on approximately 900 different standards audited, the cargo carrier announced.

The IATA Operational Safety Audit (IOSA) program is an internationally recognized and accepted evaluation system designed to assess the operational management and control systems of an airline,

Cargolux explained.

As a member of IATA, Cargolux is required to pass an initial IOSA audit and subsequent renewal audits every two years. This ensures a constant enhancement of aviation safety and is recognized by insurers and several aviation authorities across the world. During the week-long renewal audit, five IOSA representatives assessed Cargolux on approximately 900 different standards.

"This fantastic result is the

reflection of Cargolux's commitment to high standards, and the efforts invested by the teams to continuously monitor and enhance procedures." explains Joeri Meeûs, Director Quality & Compliance Monitoring. "After years of mobilizing teams and preparing the audits ahead of time, we have decided to adopt a smoother and more seamless approach. Since the last assessment, we have worked hard to integrate IOSA requirements into our daily processes to facilitate the audits, and ensure best practices are upheld throughout the year."

Cargolux, Europe's leading all-cargo airline covering more than 75 destinations on scheduled all-cargo flights, says it continuously monitors and assesses its procedures and policies to ensure quality service for its stakeholders.

ASL Airlines Belgium taps Jettainer to manage its ULDs

LIEGE/FRANKFURT: Cargo carrier ASL Airlines Belgium, based at Liege airport with global operations, has commissioned Jettainer with the management of its ULDs for the next five years.

Jettainer GmbH, a wholly owned subsidiary of Lufthansa Cargo AG, said ASL Airlines Belgium's existing fleet of ULDs consists of approximately 1,500 units and these are utilized across an extensive European network and on flights to the USA, China and the Middle East.

ASL Airlines Belgium, is a member of the ASL Aviation Holdings Group. The cargo airline specializes in the express freight market and also offers scheduled, charter and ad-hoc flights with aircraft including the Boeing B747-400F and the Boeing 737-800F

and 400F.

"The key aspect of our outsource plan was to find a provider that could give us absolute reliability to that our global clients continue to receive the first-class service they expect from ASL Airlines Belgium. With Jettainer we found the ideal partner to increase the efficiency of ULD handling with additional financial and ecological improvements. The mix of Jettainer's many years of experience, innovative management technologies and global presence convinced us," said Marc Bollinne Managing Director of ASL Airlines Belgium.

Thorsten Riekert, Director Sales at Jettainer, emphasizes: "With ASL



Airlines Belgium we can welcome the second Belgium airline in our growing client base, after Brussels Airlines. In this context, we are also enhancing our presence at the airport Liege, which in the recent past became increasingly more important due to significant growth in the cargo sector."

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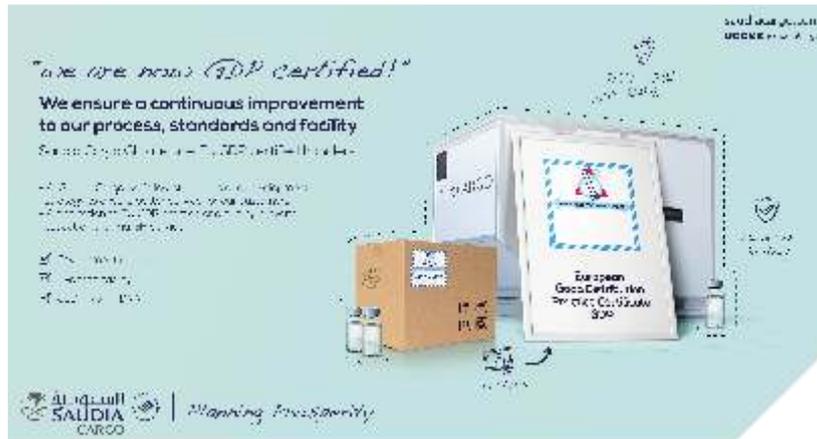
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Saudia Cargo receives EU GDP certificate from SGS



JEDDAH: The world's leading inspection, verification, testing and certification company, SGS, has issued Saudia Cargo the certificate of European Union Good Distribution Practice (EU GDP) in pharmaceuticals.

Saudia Cargo says the certification attests to the company's world-class standards and relentless efforts to improve the quality of its services

and facilities, particularly on pharmaceutical and life sciences sectors.

"This certificate recognizes that Saudia Cargo maintains and complies with the quality management standards throughout the supply chain and applies efficient procedures and policies for receiving and handling pharmaceuticals & medical products without any risks,"

said Abdulrahman Al-Mubarak, Chief Commercial Officer, Saudia Cargo.

The company has enhanced the quality of medical products warehouses and equipped its main stations inside the Kingdom with state-of-the-art equipment and devices to control temperature, the most important factor in the logistics services related to medical products and pharmaceuticals. The company has also qualified its cadre to efficiently handle pharmaceutical loads.

Saudia Cargo announced earlier the launch of cold storage facilities for storing pharmaceuticals and medicines at numerous main stations. The facilities conform to the international standards of the World Health Organization (WHO) and the European Committee for Medicinal Products for Human Use as well as the local standards of the Saudi Food and Drug Authority.

The facilities also ensure different temperatures and accommodate pharmaceutical companies' containers, which require advanced technology solutions.

Liege Airport and LeanSquare collaborate to create WeCargo

LIEGE: Liege Airport and LeanSquare have collaborated to create a week-long event, WeCargo, and an innovation lab (www.wecargo.be), geared to bring together start-ups, air cargo industrialists and investors in a bid to imagine the future of the air freight industry.

Liege Airport is ranked as the 5th top cargo airport in Europe and the first in Belgium, and is the only European airport to prioritize full cargo, specialized in express transport, e-commerce, pharmaceutical products and perishable goods as well as live animals. LeanSquare, on the other hand, is an investment fund (Noshaq Group) aiming to investing in venture capital for start-ups of the new economy with real potential for growth and/or reference model (role model).

The WeCargo event scheduled for V-12 November is also supported by Alibaba Cloud, Qatar Airways and Orange.

The companies said digital revolution is impacting the world of air transport in so many ways—digitalisation of information systems, flow management thanks to big data analysis, drones and autonomous vehicles, connected objects, etc., but new technologies are moving faster than a plane.

"The arrival of the e-commerce giant Alibaba with its first European air hub in Liege is an opportunity to capitalise on the know-how of the airport. If we want to stay at the forefront and continue to grow as an airport entirely dedicated to cargo, we must stimulate our ecosystem. This is the main goal of WeCargo: to stimulate and inspire the international cargo community.

Secondly, start-ups will have the opportunity to move to Liege because they will benefit from a complete, dynamic environment at the heart of the action," explains Luc Partoune, CEO of Liege Airport.

For Gaëtan Servais, CEO of Noshaq, the involvement of LeanSquare is part of an international approach to attract start-ups and investors.

"Cargo e-logistics is one of the specialities of our LeanSquare investment fund dedicated to start-ups in the new economy. Just as we have done by developing Wallifornia (specialised in the MediaTech sector) over the last three years, organising this program will allow us to develop, in partnership with Liege Airport, an international network of players in the Air Cargo industry (professionals, investment funds and start-ups)," he said.



GLOBAL NEWS

Nippon Cargo Airlines is first Asian airline to join booking platform cargo.one

TOKYO/BERLIN: Aiming to digitalize its capacity distribution and expand its European reach, Japanese all-cargo airline Nippon Cargo Airlines (NCA) and air cargo e-booking platform cargo.one have entered into a partnership.

Their collaboration will enable freight forwarders to seamlessly book NCA's vast main deck capacities on the platform with instant confirmation around the clock. Offering its capacities for booking on cargo.one will allow NCA to further expand its reach into the European market by gaining access to cargo.one's fast-growing user base of more than 300 freight forwarding companies, as well as to drastically reduce manual distribution efforts.

"We are very happy to announce our partnership with state-of-the-art e-booking platform cargo.one and are looking forward to enabling our customers to book capacities with us in a new and seamless manner," commented Hiroyuki Homma, Director, Head of Sales, Marketing,

Business strategy of NCA.

cargo.one will be utilizing the newly developed one.connect for the first time, further simplifying its integration processes with airlines, the companies said.

"Joining cargo.one is a logical step for us in executing our digital strategy. It will enhance our customers' experience and help us reach new customer segments. cargo.one has proven to be a reliable, innovative and fast-moving partner to a growing number of airlines and we are happy to take the lead as the first Asian carrier to join the platform," said Satoshi Shimura, Vice President, General Manager and Head of Business Digitalization of NCA.

Moritz Claussen, Managing Director of cargo.one summarizes: "As



cargo.one's footprint continues to expand globally, we are very happy to welcome our first Asian partner on board. NCA's main deck capacities will further add to cargo.one's attractiveness for freight forwarders, allowing us to increase demand on the platform which will, in turn, lead to more capacity distribution overall for those airlines partnering with cargo.one."

Integration work to connect NCA's core cargo system iCargo to cargo.one will start later in the year, with the launch of NCA capacities on cargo.one anticipated until late Q1 2020.

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Dubai Customs launches 'World Logistics Passport'



HH Sheikh Ahmed bin Saeed Al Maktoum



HH Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum

DUBAI: In a bid to enhance the role of Dubai Silk Road in global trade, Dubai Customs has launched "World Logistics Passport" which essentially connects businesses to government entities and logistics service providers.

Dubai Customs says this project is designed to help businesses get easy access to Dubai's products, services and integrated transportation systems and major logistics service providers like DP World and dnata.

Commenting on the initiative, Crown Prince of Dubai and Chairman of the Dubai Executive Council His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, said the implementation of the Dubai Silk Road strategy marks the

beginning of a new phase of economic growth that will further boost Dubai's position as a global economic and business hub, powered by its exceptional connectivity and logistics services.

"Through this strategy, we will offer many privileges and services that will help connect international markets by mobilizing Dubai's resources and infrastructure. The investments we made in Dubai's ports, airports and free zones made the city a global logistics hub and a bridge between the east and west. The Dubai Silk Road strategy responds to the changes in international trade by offering new state-of-the-art logistics services using the latest smart applications," he

said in a statement.

HH Sheikh Ahmed bin Saeed Al Maktoum, President of Dubai Civil Aviation Authority and CEO and Chairman of the Emirates Group, noted unifying the procedures of logistics service providers will save businesses time and resources while enhancing the quality of service they get.

"Dubai's sophisticated logistics services will further enhance its value offering for investors and businesses by saving time and effort and reducing their operational costs. This is a powerful tool that will eventually lead to increased revenues. We are keen to offer investors and businesses new advantages in conducting global trade," he said.

The Emirates news agency WAM reported Dubai recorded non-oil foreign trade of AED676 billion (US\$184 billion) in the first half of 2019, up 5% year-on-year from AED 644 billion (US\$175 billion) in the corresponding half last year.

Exports registered the highest rise at 17% to reach AED76 billion (US\$20.691 billion) while re-exports were up 3 percent at AED210 billion (US\$57.174 billion) and imports grew 4 percent at AED390 billion (US\$106.18 billion).

DP World teams up with Indian startups for LoX-X

NEW DELHI: Collaborating with the Dubai-based DP World, India recently launched Log-X, a national technology accelerator platform for logistics, aiming to encourage innovation and technology adoption in the Indian logistics sector.

The Emirates news agency WAM said Invest India, Kerala Start-Up Mission and Startup Réseau, have teamed up with DP World to harness digital technologies like block chain, artificial intelligence, robotics, simulators and Internet of Things, IoT, to identify logistics-focused technology start-ups in India.

Invest India is the national

investment promotion and facilitation agency of the Indian federal government. Kerala Start-Up Mission is the nodal agency of the state government, whose mission is to spread the spirit of innovation and entrepreneurship in Kerala. Startup Réseau is the accelerator partner of this Kerala agency.

"This is a unique partnership and the first in the logistics sector. We are very pleased to be partnering with DP World on this unique initiative to drive innovation in the sector," said Deepak Bagla, CEO and Managing Director of Invest India marking the launch.

DP World has already created, in

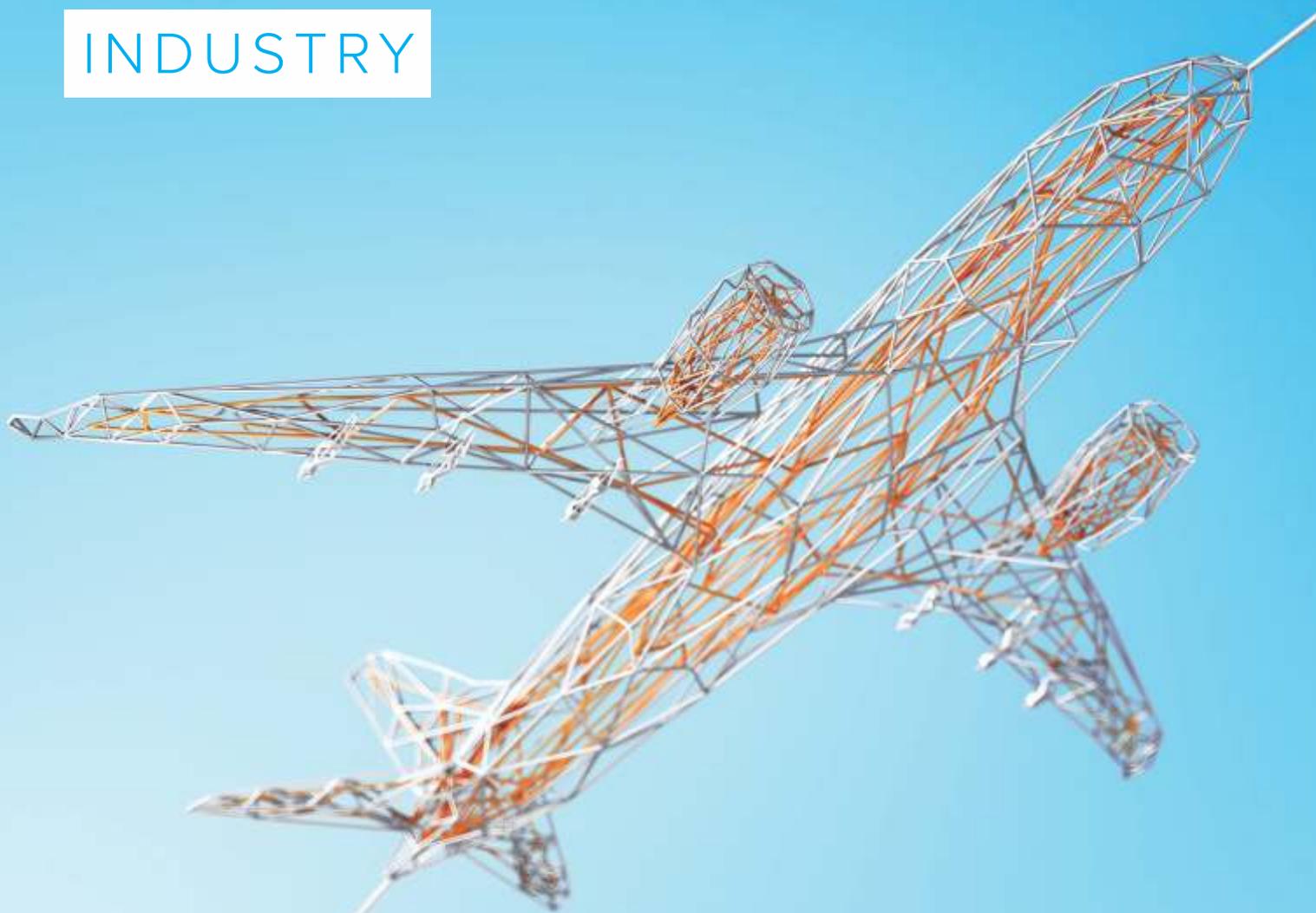
January, in partnership with the Indian sovereign wealth fund, the National Investment and Infrastructure Fund, NIIF, an investment platform to invest up to \$3 billion in ports, terminals, transportation and logistics businesses in India. Log-X is DP World's second major initiative in India.

"DP World wants to encourage the creation of a start-up eco-system for logistics and supply-chain focused innovators with an aim to reduce the costs of logistics in India and make India's exports more competitive," said Rizwan Soomar, CEO and Managing Director DP World for the Indian sub-continent.

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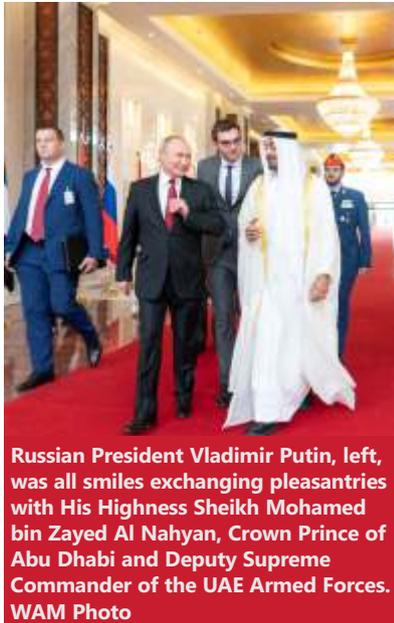
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Russia and UAE sign \$1.4B new trade agreements, including on logistics facilities



Russian President Vladimir Putin, left, was all smiles exchanging pleasantries with His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces. WAM Photo

ABU DHABI/MOSCOW: Business between Russia and the United Arab Emirates is expected to shore up with new trade deals they signed worth \$1.4 billion that includes building new logistics facilities in Moscow mainly to be used by a leading Russian food retailer.

His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces,

welcomed in the capital on October 15 Russian President Vladimir Putin and his accompanying delegation that includes Russian Foreign Minister Sergey Lavrov.

The two sides discussed regional and international issues, focusing on the Gulf and the Middle East region, which continues to be confronted with geopolitical and security issues.

Sheikh Mohamed and Putin agreed on the need to confront the threat of terrorism and extremism that disrupts global peace and security, the Emirates state news agency WAM reported.

Sheikh Mohamed noted the security of the Arab Gulf region is not only of regional interest, but also of global importance, given the great strategic relevance for global economies. His Highness stressed that the UAE is keen on ensuring that global oil supplies and global maritime navigation continue without disruption.

Putin went on to praise Sheikh Mohamed bin Zayed's continued support to bolster relations between the two countries, noting, Russian tourists visiting the UAE have increased by 23 percent, adding some US\$1.3 billion to the tourism economy.

Russian news agency TASS separately reported Moscow welcomes the UAE's

investment in Russia's economy with Putin recalling that the UAE's sovereign investor, the Mubadala Investment Company, is one of the first partners of the Russian Direct Investment Fund (RDIF) and their partnerships that began in 2013 have implemented more than 45 projects worth \$2.3 billion.

The trade deals cover a wide range of sectors vital to the Russian economy such as technologies, artificial intelligence, healthcare, transport and logistics.

RDIF and Mubadala are considering a joint investment worth \$300 million to expand the railway logistics network of NefteTransService, one of Russia's largest operators of railway rolling stock. They also agreed on a partnership to support the expansion in the Middle East of NtechLab, a world leader in facial recognition systems based on artificial intelligence and neural networks.

The parties also agreed to expand their investment in the Professional Logistics Technologies (PLT) platform to build new logistics facilities which involve a new class A multi-temperature distribution center and related infrastructure in the Moscow region with gross leasable area of over 100,000 sqm.

Kuehne + Nagel expands pharma hub in Belgium

GEEL: Kuehne + Nagel inaugurated last month its enlarged pharma distribution center in Geel, making it one of the largest within the global KN PharmaChain network, the company announced.

Kuehne + Nagel says by offering standardised, reliable and compliant end-to-end logistics solutions, the new facility plays an important role for its customers in search of pharma & healthcare supply chain solutions to support their own strategic growth plans.

The new facility offers multi-modal, temperature-controlled forwarding and warehousing services and is fully GxP compliant and certified. KN PharmaChain encompasses a global network of more than 220 operations, 600,000 m² of industry dedicated warehousing space and a team of specially-trained operators.

The Geel hub is centrally located in close proximity to the Brussels and Liège airports and with fast connections to the other 15 main European KN PharmaChain locations. In addition to the Geel pharma hub, Kuehne + Nagel is currently investing in a 15,000 m² airside pharma facility at the Brussels cargo airport (BruCargo), due to open in the second half of 2020.



From left: Robert Coyle, SVP Kuehne + Nagel Pharma & Healthcare, Dr. Hansjoerg Rodi, Regional Manager Kuehne + Nagel Europe, Dr. Detlef Trefzger, CEO Kuehne + Nagel, Tobias Jerschke, Managing Director Kuehne + Nagel BeLux, Gerry Bosmans, Director Contract Logistics Kuehne + Nagel BeLux. Image Credit: Kuehne + Nagel



ACL Airshop

Growing global footprint one ULD at a time

By Gemma Q. Casas



ACL Airshop's operations are primarily centered in three major airports—Amsterdam AMS, Hong Kong HKG, and New York JFK—enabling it to control and balance the complex logistics of its steadily-growing ULD fleets at three ideal time zones, including clients who require logistics fleet technologies from the company.



In 1979, a little known company in Greenville, South Carolina started shipping horses by air. By 1984, it invented the short-term leasing business for airline containers, opening up its first shop of unit load devices (ULDs)—the ACL Airshop.

Today, ACL Air shop is one of the world's leading providers of comprehensive ULD and cargo control solutions for the aviation industry with offices in more than 50 locations on 6 continents.

Its global footprint is undeniably massive with products and services used by more than 200 international airlines and at majority of the top 100 air cargo hub airports worldwide.

Air Cargo Update speaks to Steve Townes, Chairman & CEO of ACL Airshop, and CEO/Founder of Ranger Aerospace, a private equity consolidator and management holding firm specializing in mergers and acquisitions on aerospace and aviation with hundreds of millions in various buyouts and consolidations and investing transactions since 1997.

Ranger Aerospace acquired ACL Airshop in February 2016 and since then the company had seen dramatic transformation in terms of sales, services and product offers.

Townes, a former American Army ranger who studied engineering at United States Military Academy at West Point turned serial entrepreneur and philanthropist, said growing ACL Airshop's network has always been their goal.

"This was our strategy following the acquisition by Ranger Aerospace and

We currently offer ULDs that are enabled with Bluetooth Low Energy tracking technology. This technology can provide our customers with various data points: temperature, location services, connectivity with airway bills that allow forward facing updates to the cargo customer. In addition, we are the launch customer for VRR's new collapsible main deck container – a true game changer in terms of ULD imbalances and repositioning.

- Steve Townes

its large capital partners. The strategic mantra of "GROW THE NETWORK" carries with it hundreds of sub-tasks, but that over-arching goal has been clear from the start," Townes shared.

"At the beginning of the "Ranger Chapter," we interviewed customers about the value proposition of ACL Airshop. The voice of customer comments was uniformly positive, and they all said, "We hope you will provide ULD services in more hub airports." So that was the genesis of "Grow the Network." Our customers wrote our strategy," he pointed out.

Global presence

ACL Airshop's operations are primarily centered in three major airports—Amsterdam AMS, Hong Kong HKG, and New York JFK—enabling it to control and balance the complex logistics of its steadily-growing ULD fleets at three ideal time zones, including clients who require logistics fleet technologies from the company.

Worldwide, ACL has 220 employees, 30 percent more before Ranger Aerospace took over, and its likely to increase with the company's planned global expansion.

"We currently have 220 full-time employees around the world, which is roughly one-third larger than when Ranger acquired ACL Airshop in

February 2016. We have added manufacturing capacity, more repair stations, and new technology services, resulting in a number of highly skilled professionals and technicians added to the ranks," Townes said.

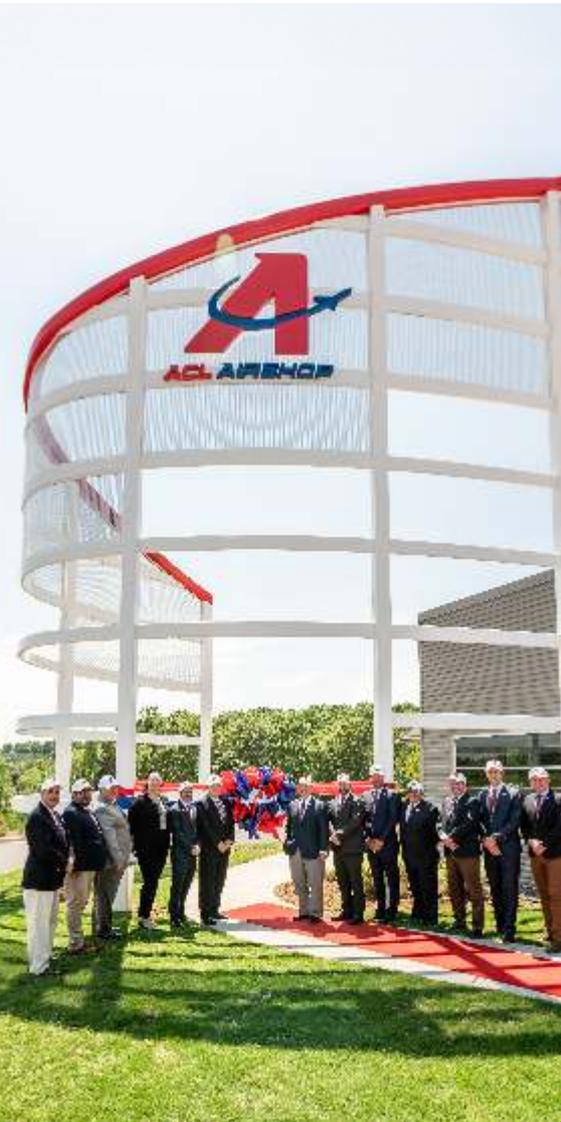
"Our overhead staffing has been kept to a slow-growth strategy, as we leverage the experienced executive teams across a larger base. The company is very flat and thin, without redundant layers of cost which customers typically do not value," he explained, adding, their staff will likely increase to about 300 as the company pursues its goal of expanding to at least 75 of the world's Top 100 airports in the next few years.

ACL Workshop's staff may be lean but they are well compensated and highly valued resulting to the company being voted as among the "Top Workplace" to work in the United States.

"We are proud that we were voted a 'Top Workplace' for a company of our type and size by that nationwide survey. It is conducted by experts from outside the company, through "blind" surveys and interviews directly with employees, completely objective. Thus, it is wonderful feedback to be rated so highly by our own people, in comparison to other



COVER STORY



companies in the aviation sector," said Townes.

ULD solutions & repair

Transporting horses via air since 1979 or 40 years ago, ACL Airshop has long made its mark in carrying live animals safely and securely through specialized ULD solutions with accompanying highly-trained professionals.

It has well-trained grooms, educated equine veterinarians ensuring that each horse receives unique care and custom placement depending on gender and size. Its solutions include collapsible stalls to save space and money with a single

position fitting 4 stacked stalls for return trip.

Wes Tucker, Executive Vice President & CEO of ACL Airshop, said the company offers varied ULDs, including those with advanced tech features.

"ACL Airshop specializes in the most popular pallets used in both upper deck and lower deck operations. Additionally, containers used in lower deck passenger operations and main deck ULD's commonly used for e-commerce packages are also part of our ULD portfolio," said Tucker.

The ACL ULDs, which can be leased or sold, typically have an average service life of 7 to 10 years, depending on the region and customer, explained Tucker and noted that "We are actively involved in various end-of-life recycling programs with OEM's and Operators."

Apart from ULDs, ACL also offers nets, straps, fitting and corner ropes, which are very important in securing the safety of transported goods on air.

"We offer a variety of different cargo securement products. Cargo nets are an absolute necessity for 95% of the pallets used in any operations. When special cargo is involved, we offer a diverse array of solutions in the form of FAA certified straps and lashings. Our unique capability to supply customers from



different manufacturing facilities around the world provide customers with a seamless supply chain – unencumbered by long, ocean transport times,” said Tucker.

ULDs & technology

Adapting to the digital age, ACL also offers ULDs with Bluetooth tracking devices. The company had since introduced the FindMyULD app and implemented COREInsight's Bluetooth logistics technology for its valued air carriers and cargo customers.

“The air cargo industry in general, and the ULD segment in particular, are now pushing strongly ahead to enhance service, accountability, reliability, and speed with new logistics technologies of various types. Ultimately, these efforts should also reduce the overall life-cycle cost of ULDs, and create end-to-end visibility in the entire ULD ecosystem for shippers of air cargo goods,” said Townes.

“The “Holy Grail” goal that everyone seems to be aiming for is tying the Airway Bill to the ULD and to the tracking device/fleet control system. Accomplishing that will not be easy, but it is our next step on our innovation journey.

“These technology changes create new differentiation from a business perspective. Our view is that a market leader MUST also be a technology leader, hence our relentless investment in new systems and fresh thinking. Our customers expect this of us.”

Tucker noted the ACL ULDs with Bluetooth enable customers to access

important data about their shipment while it is being transported.

“We currently offer ULDs that are enabled with Bluetooth Low Energy tracking technology. This technology can provide our customers with various data points: temperature, location services, connectivity with airway bills that allow forward facing updates to the cargo customer. In addition, we are the launch customer for VRR's new collapsible main deck container – a true game changer in terms of ULD imbalances and repositioning,” he said.

New modern facility

Apart from technology and people, ACL has also invested on infrastructure. It recently opened its new ultra-modern manufacturing center in South Carolina, its home state and one of the fastest growing area in the US in the aerospace industry.

Townes said ACL's new manufacturing center in South Carolina replaces the original factory from the company's legacy years. It is envisioned to be self-sustaining in the long-term through better throughput and productivity.

“We decided to keep this flag firmly planted in the home state of the company, which has become one of the fastest-growing US states in the aerospace industry. With improved layouts, LEAN workflow designs, and upgraded capital equipment, we are estimating the new factory will quite literally “pay for itself” through better throughput and productivity. We will



Wes Tucker
Managing Director

measure that at the end of this year, to be sure,” the ACL Chairman and CEO said.

“So although our cost of occupancy went up, the new efficiencies are yielding measurable savings against the same amount of work and numbers of personnel. Thus, we are gauging that our output can go up as demand rises,” he added.

ACL's new factory is a collaboration between many parties who believe in the company's potentials to grow even bigger than what it is now.

“The new factory was the result of strong partnering with the developer (who actually funded the bulk of the capitalization); the general contractor and its magnificent team of subcontractors; the architecture/engineering firm who created an impressive modernistic design; plus, the real estate experts, bankers, and many others. We have a robust supply chain manufacturing capacity that now stretches from South Carolina to Germany, China, and Taiwan,” said Townes.



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Steve Townes
Chairman & CEO,
ACL Workshop | CEO & Founder,
Ranger Aerospace LLC

Steve Townes. A name hardly missed at West Point being the mule donor in perpetuity for the football stadium and animal mascots of the top American military school where he earned his engineering degree in 1975, the Eisenhower Award and the honor as the top graduate from the Army Ranger School.

Townes later trained with the Lanceros, the counter-guerilla forces of Colombia in South America, where he also learned Spanish.

Townes' name is also etched at the Smithsonian National Air and Space Museum's 'Wall of Honor' as "Air and Space Friend."

But beyond that, Townes, who also has an MBA from Long Island University and PMD from Harvard Business School, is best known for his astute business sense, intelligence, discipline, humility and philanthropic deeds.

After forming in 1997 Ranger Aerospace, a private equity firm specializing in acquisitions and mergers in the aerospace and aviation industries with hundreds of millions on its portfolio, Townes continued to build on his businesses, giving jobs to people and inspiring others to make their dreams come through.

Read on his market insights on ACL Airshop, Ranger Aerospace's latest acquisition, as the company pursues expansion across more cities and countries.

US & Canada: We see steady, mature growth ahead for North America.

Middle East: For Mid-East and Eurasia, some of our fastest-growing accounts are from that region.

China: We are now in multiple cities in Mainland China and, of course, Hong Kong. This region is strategically hugely important for us. It is our fastest growing region of the world, following the cargo growth, e-commerce, demographic, and macro-economic growth trends of those burgeoning markets.

India: We have carefully explored (this year) entering the Indian sub-continent. We are selecting Handling Partners for several of the main cargo hubs, and hope to be making announcements sometime in 2020 about our next steps in India.

Europe: Like N. America, Europe is a steady, mature market for us. We continue growing, however, with new footprints of important activity in sites such as Liege Belgium and Milan Italy. Our primary hub for Europe and all international operations remains Amsterdam.

Africa: We have one support site in Kenya, and have been exploring others in cargo-heavy sites in Africa. Our growth there will depend on the factors that drive each of our airport support expansions: customer pull, cargo tonnage, numbers of flights, repairs requirements, competitive situation, and "Top 100" as our preference.

Latin America: We have grown aggressively in Latin America in the past few years. The city pairings with Bogota, our flagship location, are remarkably robust across the region as well as to other continents. We are enthused about adding more cities to round-out our operations, from key airports of Mexico all the way southward across the S. American continent, focusing on our criteria for flights, tonnage, customer pull, repairs, etc.

Asia: Without doubt, this has become our fastest-growing worldwide region. Just 5 years ago we had one strong outpost at Hong Kong. Now we have 16. Others are planned in key hubs of the Asia-Pacific theater, including India. The entire ACL Airshop team has done a phenomenal job in expanding our footprint and service network in Asia. Despite current tariff wars, we are confident about the continued long-term growth for our business in Asia-Pacific.



India turns to drones to deliver emergency aids, meds and organs





India is vast and diverse with a huge population of more than 1.366 billion people. And it has long been battling problems with transportation, bad roads, with 33 percent of the country's villages still do not have access to all-weather roads, limited healthcare resources, among other issues with infrastructure and basic social services. Recently, it turned its sights to drones to deliver emergency aids, medicines and organs to reach even its remotest villages. Drones are no longer limited to military use. Its scope of use is unending and the opportunities are huge no matter where you are.

Apollo Hospitals Group, one of India's top hospital chains, has tied up with US-based Zipline to launch drone healthcare delivery solutions, after getting impressed by its impact in Rwanda's healthcare system and most recently, in Ghana.

The Group will explore and leverage drone technology to deliver emergency aids and organs. The concept was formally introduced by Apollo Hospitals Joint Managing Director Sangita Reddy at the recent World Economic Forum held in New Delhi. The idea of using drone in medical care has been under plan for the last couple of years.

The Indian state of Telangana will launch the program to see that delivery of blood and other life-saving drugs are transported through drones. The concept will be launched with a six-month pilot project first, for which a request for proposal has been floated.

There are plans to integrate Telangana's healthcare delivery systems as it moves along. The private partner will be HealthNet Global Limited, a company of Apollo Hospitals Group.

Saving lives

Reddy, who is also the Senior Vice President of the Federation of Indian Chambers of Commerce & Industries, believes drones would greatly contribute to saving lives in India, especially those in remote villages.

"Apollo Hospitals Group company HealthNet Global Limited truly believes that the use of drones for transport of organs and other medical aid will contribute to saving many lives. We are happy working with the

World Economic Forum and the government of Telangana, as a clinical partner in this drones project, which I am sure is the next step in our journey of remote healthcare delivery," said Reddy.

This is indeed good news in India's healthcare segment where last mile delivery of life-saving medicines is a challenge. And Zipline has already proven in Africa how it can disrupt for the better the delivery of medical supplies as was the case in Rwanda and Ghana.

Zipline's roaring success in Rwanda

One must watch the Ted Talk of Keller Rinaudo, the co-founder and CEO of Zipline, where he talks about how drones are changing the healthcare eco-system in Africa where most people dread to even think of deploying technologies in this part of the world. The enterprise they are creating in Africa is impressive.

Zipline started in 2014 and has built the world's fastest and most reliable delivery drone and the world's largest autonomous logistics network. Its drones are assembled in Half Moon Bay, California. Till date, the company has flown over 2 million km and it is not stopping there. It's going more global.

Keller Rinaudo said Zipline delivers about 20 percent of Rwanda's blood supplies through drones and the best part is zero units of blood have expired in all the deliveries. The average delivery times are between 20 and 30 minutes.

The co-founder acknowledges the efforts of the Rwandan government and the people for embracing this radical technology. Zipline is

providing 13 million people with instant access to urgent medicines and its mission is to provide every human on earth with immediate access to vital medical supplies.

A Zipline drone typically has a 1.8 kg payload and a single flight can deliver up to 3 units of blood. For larger orders, multiple drones are sent at the same time.

Drone delivery network

Zipline states that today, too many people are underserved by last century's limited solutions: trucks, trains and washed-out roads. The company leap-frogs these outdated solutions with a cost-effective drone delivery network, revolutionizing access to healthcare.

It is a simple but technology-driven solution. The distribution pattern is easy to understand. Doctors place orders on-demand through an app for any medicine they need, when they need it. Medical products which are stored centrally at Zipline's distribution centers are flown quickly to any destination, as per demand.

This maintains cold-chain and product integrity, while eliminating waste. Zipline packages the order, then launches it into flight. Racing along at over 100 km/h, vital products arrive faster than any other mode of transport. The drones are unmanned and are battery-powered, thus reducing the cost and emissions of moving medicine.

All weather delivery

The medicines are delivered by a parachute and recipients do not interact with the drone, while everything is taken care of from the launch/distribution center. After delivery, the drones get back to the



FEATURE

distribution center, for its next trip. Zipline has refined this process to support hundreds of deliveries per day, per distribution center, in all weather conditions.

In Rwanda, Zipline has been making lifesaving deliveries every day. Dozens of hospitals and health facilities now rely on Zipline's vital service to improve patient care. "Our drones now cover the country, giving doctors instant access to critical medical products, like blood and vaccines, that were previously out of reach."

Because of Zipline, thousands of children will grow up with their mothers, women who would have otherwise lost too much blood due to postpartum hemorrhage.

"Our rapid response times and ability to deliver even the rarest blood types have helped Rwanda to make massive strides in reducing maternal mortality rates," Zipline states.

In April 2019, Ghana also turned to Zipline for its healthcare needs. Zipline plans to reach out to the country's 29 million population with access to any medical products they need, with four distribution centers spanning from the dense southern regions surrounding its capital, Accra, to the remote and arid north of the country.

India's 'Medicines from the Sky'

Buoyed by the successes in Africa, the government of Telangana is keen on introducing the project called 'Medicines from the Sky', to commence in early 2020. The World Economic Forum has collaborated with multiple drone start-ups, including those in India such as India Flying Labs, Adani, Aarav Unmanned Systems, Marut Drones, Asteria and more.

The Information Technology Minister of Telangana, K.T. Rama Rao, said the project had potential to become a model for other states to look at drone applications for healthcare delivery.

"Telangana has been a pioneer in using technology for improving the lives of the citizens. Using drones to



deliver blood and other medical goods to people in remote and inaccessible areas is an exemplary project that demonstrates the use of technology for the social good," said Rao.

Zipline has also tied up with Maharashtra government and this project is also expected to go operational in 2020.

Rules & Regulations

There is a lot happening in India when it comes to drone technology. Consultancy firm BIS Research said the Indian drone market is expected to be valued at \$885 million by 2021.

In 2018, the Ministry of Civil Aviation legalized flying commercial drones with a long list of rules and regulations. The Directorate General of Civil Aviation (DGCA) has certified two Bengaluru-based drone start-ups – Skylark Drones and Throttle Aerospace Systems and Aarav Unmanned Systems.

The latest version of the regulations factored in reduction of human intervention, gathering precise spatial data to enable city planning and administration and safety and security framework.

Drone food delivery success

In June this year, Zomato successfully tested the country's first drone food delivery system. It used a hybrid drone that covered a distance of 5 km in about 10 minutes with a peak speed of 80 kmph to deliver a food packet.

The test run was approved by the DGCA which later asked companies to submit an expression of interest (Eoi) for conducting experimental Beyond Visual Line of Sight Operations (BVLOS) of Remotely Piloted Aircraft Systems (RPAS)/Unmanned Aircraft Systems.

Tata Steel is also working with Skylark Drones to deploy them at their Noamundi iron ore mines in Jharkhand, for compliance reporting and monitoring volumetric production. DeTect is working with Hindustan Petroleum, Indian Oil and Gas Authority of India Limited.

Drones are here for good. Apart from military applications, its scope of uses is unending and we are seeing that coming slowly up on the horizon. The opportunities are huge and so could be the challenges.

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Q&A with Liana Coyne

By Gemma Q. Casas



Follow your passion. Do not allow other people's limitations determine what you can or cannot do. Take every opportunity you can to learn. Keep trying and keep pushing so that you are not just the best woman for the job, but you are the best person for it - airplanes and cargo don't care about your gender, they care about results.



Gender imbalance in the global air cargo industry, which accounts for one-third of all goods transported worldwide every year, remains very visible though the barrier for women have long been broken.

On many occasions, you will see only a handful of women executives participating in meetings or events, including female journalists covering the industry in contrast to the mainstream beats like business and politics.

In this edition, we speak candidly with Liana Coyne, Director of Coyne Airways, whose father, Larry Coyne, founded the company, the first of its kind in the emerging markets of the Caucasus, Central Asia and Russia's Sakhalin Island, more than 25 years ago.

An Oxford graduate and an English-qualified lawyer, the multilingual Liana is one of few women in the air freight industry mirroring its changing dynamics where results are given more emphasis rather than gender. She helps oversee Coyne's operations throughout the Gulf and Central Asia as well as difficult to reach destinations like Afghanistan, Iraq and various destinations in Africa.

Read on the rest of our interview with this progressive decision-maker juggling time between her family, work, friends and other interests.

Q. The air cargo industry has traditionally been male-dominated and you're one of few women in the top management level. What convinced you to take on the role of Coyne Airways director when you could have easily nurtured a career in the legal profession, after all, you're an accomplished Oxford law graduate and had practiced being a lawyer in the past?

My father, Larry, established Coyne Airways 25 years ago, initially working out of a spare room at home. My father had a background in management consultancy and realized early on that whatever we did, had to deliver value to the client, be professional and stand for quality. That is why he put our name on the company; it could not be allowed to fail and it had to stand for something good – my father is one of 11 children and there would be simply too many relatives to apologize to otherwise.

Growing up, Coyne Airways was my father's enduring obsession. Quite simply, it had to be. We are a niche operator and we do not have the luxury of resting on our laurels, secure in the knowledge that the business will just come to us. Many family dinner conversations were dominated by talk of air cargo (in fact, they still are).

My parents were keen for my sister and I to develop a strong work ethic. That meant that we were not given pocket money, we earned it. I spent many school holidays in my father's office, and I would credit those times with my decision to study Russian at A-level and for my first year of university (although it is very rusty these days). The world of air cargo was filled with larger-than-life characters, drama and challenges, that played out on a daily basis. It was heady and intoxicating, but it was my Dad's thing.

Like many children, I wanted to set off on my own path and it actually never occurred to me to join Coyne

Airways. Besides, my parents never put any pressure on us to join or carry on their businesses and only told other people of their true wishes behind our backs. I studied Russian in my first year of university, and then switched to Politics, Philosophy and Economics. My graduation coincided with a recession and the closure of many training schemes. I did a personality test and (in probably a terrible commentary on my character) it suggested becoming a lawyer. I found an international law firm to fund my further study and train me, and I looked forward to a quiet life poring over tax codes and the like.

However, as a carrier focusing on difficult-to-reach destinations, our work can be difficult and very stressful – otherwise someone else would do it! As time went on and particularly after we had difficulties in the Dubai office, I could see that the stress was beginning to affect my father. I thought long and hard about it, and realized that it would provide him some peace of mind and relief to know that there would be someone he could trust there. From my side, I was never going to love any boss as much as I love my Dad and, worst case scenario, I could always go back to law after a year. Almost 10 years later though, I am still here and I wouldn't have it any other way.

Q. Do you see yourself one day going back to the legal profession? Why or why not?

Absolutely not. Don't get me wrong, I loved law when I practiced it, but you are always on the sidelines. In logistics, you have to get involved and you have to find a way to make it work. It is entirely engaging and the people are great.

Q. Please describe to us how it is to work in the air cargo industry. Its joys and perils.

One of the joys about air cargo is the people who work in it. You will struggle to find a group that is more passionate and proud of what they



Q&A



do. Every day is different, and there is always something new to contend with – especially as things can change overnight: geopolitics, natural disasters, operational issues – they all conspire to keep life interesting.

In terms of perils, I would mention two to be aware of: first, I think that you cannot think of air cargo as a 'normal' commercial environment. You have to remember that some of your competitors have other priorities over making a route profitable; there may be a political directive that they have to fly to a certain destination, they may have hours to burn, or there may be some 'creative' accounting at play to make a route look interesting when it is not. It is important to understand the dynamics and strategies of different entities.

Secondly, when you are in the industry, I think you have to be mindful that the inevitability of airfreight is a fallacy. We are the most expensive mode of transportation by far and we have to make sure that our service justifies the higher cost. That means, as an industry, ensuring that cargo arrives safely, securely and timely. Shippers will look for cheaper and better alternatives if we fail to deliver on basic promises,

let alone value-added ones. We have to embrace improvements and keep looking for more. We have to lead the charge.

One of my best friends works in shipping and it is amazing (if sometimes worrying) to hear about the improvements happening there. In particular, there has been a lot of investment around shipping pharmaceuticals, which at one point were reassuringly assumed to always go by air. I am also fascinated by ethylene control technologies for shipping containers which preserves fruit and vegetables in transit. In short, I don't think that we can assume that anything will always be air cargo.

Q. What advice would you give women who would like to build a career in the air cargo industry or aviation in general?

Go for it! Follow your passion. Do not allow other people's limitations determine what you can or cannot do. Take every opportunity you can to learn. Keep trying and keep pushing so that you are not just the best woman for the job, but you are the best person for it - airplanes and cargo don't care about your gender, they care about results.

Q. On a personal note, how has motherhood changed your outlook in business and in life in general?

Aside from a renewed love of sleep, motherhood has given me a greater understanding of all the demands that working parents have to contend with and a deeper appreciation of my colleagues' commitment and dedication to their roles at work and at home.

Q. Coyne Airways is looked up to as the first of its kind in the emerging markets of the Caucasus, Central Asia and Sakhalin Island more than 25 years ago. What is your vision for the company in the future? Please share with us the latest developments on its products and services.

We hope to launch our new website shortly, which will also have improved track and trace capability as we combine forces with Descartes. That functionality will also copy over to our app, and other automated services.

In the New Year, we hope to bolster our services to the Caspian Sea region with an additional rotation to our hub in Tbilisi, Georgia, to better serve our customers there and in Armenia, Azerbaijan and Western Kazakhstan.



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Trucking industry fights back to curb rising cargo crimes in EMEA



Some 1,485 incidents of cargo crimes were recorded in Q2 2019 in EMEA with losses valued at over €21 million or a daily loss of €231,304, up 744.7% than the same period in 2018



Cargo crimes in EMEA (Europe, Middle East & Africa) disturbingly increased in the second quarter of 2019 with 30 countries reporting incidents of theft, setting a new record high with major losses estimated at more than €21 million, reported the Transported Asset Protection Association (TAPA) EMEA.

In Q1 2019, TAPA EMEA said it also recorded an increase on cargo crimes in the region. Combined, Q1 and Q2 2019 registered 4,187 crimes, surpassing the 2018 total by 5.1% and shows a total value for incidents with for more than €55 million or an average of €305,605 per day.

Reports about other incidents continues, particularly in Africa. Just weeks after TAPA EMEA's regional conference in South Africa highlighted the support the Association can offer to companies trying to increase the resilience of their supply chains, the

The South African Police Service (SAPS) shared the country suffered nearly €18 million losses in cargo thefts just weeks after TAPA EMEA held its regional conference in Johannesburg.

The loot included high value jewelry worth over €17 million in Sandton, Gauteng province. According to media reports on the crime, the thieves forced their way into a luxury goods warehouse and overpowered the staff, destroying the building's security doors in the process, before escaping with diamonds, earrings, necklaces and watches.

With the investigation ongoing, one of the key questions to be answered by police is why the facility's CCTV cameras were reportedly not working at the time of the crime.

TAPA said five countries recorded double-digit losses in August:

- ★ France – 60 incidents
- ★ Netherlands – 48
- ★ South Africa – 17
- ★ United Kingdom – 16
- ★ Russia – 15

Over 50% of the goods stolen were recorded as either unspecified or miscellaneous but, of the 14 TAPA IIS product categories suffering losses during the month, the top five were:

- ★ Food & Drink – 18 losses
- Tobacco – 11
- ★ No Load (Theft of truck and/or trailer) – 10
- ★ Furniture/Household Appliances – 9
- ★ Tools/Building Materials – 8

The majority of incidents involved cases of Theft from Vehicle, 112 crimes or 64.8% of the August total. Only two other types of incident recorded more than 10 crimes:

Aligning secure parking standard with EU program

TAPA says it will explore the benefits of aligning its Parking Security Requirements (PSR) industry standard with the European Commission's new Safe & Secure Parking Places for Trucks program to establish a common solution to help tackle the biggest cause of rising cargo crimes in Europe.

The Association – the leading Security Expert Network for everyone in the supply chain – agreed to look for 'a common understanding on the best way forward for secure parking' at a conference in Rotterdam hosted by TAPA EMEA for Parking Place Operators (PPO) and also attended by a diverse group of supply chain industry stakeholders.

Delegates at TAPA's PPO conference in the Netherlands heard updates from the Association's President & CEO, Thorsten Neumann and members of TAPA's Standards Team as well as from Frederik Rasmussen, Deputy Head of Unit – DG MOVE, European Commission, and Ton Barten of Truckparkings Rotterdam, one of the PPOs already



As a result of the proactive actions taken by TAPA and the EU, we now see a unique window of opportunity for a significant step change in secure parking in Europe. Our conference in Rotterdam was to test the feeling of industry on the best way forward and we all recognized the value of having one common standard for secure parking.

-Thorsten Neumann

participating in the TAPA PSR program.

TAPA launched its Parking Security Requirements (PSR) 12 months ago, a tiered certification program for PPOs to help drive significant growth in the number of secure parking sites in Europe and the wider EMEA region.

Designed by industry experts to meet the needs of manufacturers and logistics service providers, PSR also provides TAPA members with an online route planning tool to easily



TRUCKING

identify parking sites participating in the program, alongside cargo crime intelligence to map the level of risk along their intended routings.

TAPA's database currently lists some 5,000 secure parking places in 10 countries in the EMEA region.

Similarly, the EU has listed secure parking places for trucks and commercial vehicles as one of its top

priorities, having identified that truck operators and drivers in Europe are confronted with an insufficient number of parking facilities and often park in non-secured zones or unsafe locations, increasing the risk to driver safety as well as vehicle and cargo thefts.

Its 'Safe & Secure Parking Places for Trucks' study has now defined an action plan with a certification framework and funding opportunities to increase the overall number of safe parking places and to help optimize existing capacity.

The EC's Safe & Secure Truck Parking Audit will be available later this year and offer a one-stop website for parking place owners, auditors and audit entities. The EU will share more information of its funding program at a conference in Brussels on 7 November.

Thorsten Neumann said: "As a result of the proactive actions taken by TAPA and the EU, we now see a unique window of opportunity for a significant step





change in secure parking in Europe. Our conference in Rotterdam was to test the feeling of industry on the best way forward and we all recognized the value of having one common standard for secure parking.

“Having already collaborated with the European Commission study, we are keen to take this to the next stage and see how we can further leverage TAPA’s partnership with the EU to bring the most robust secure parking program across the continent.”

“We will continue to move forward with our own PSR Security Standard while our discussions with the EU continue but we can see a lot of common ground to align our respective programs and provide a solution to satisfy the high demand for all levels of secure truck parking. We are confident that by working together we can meet our shared goal of making supply chains safer and more resilient.”



Last year, TAPA's Incident Information Service (IIS) recorded its highest-ever number of incidents involving criminal attacks on vehicles parked at 2,342 crimes in the EMEA region, accounting for 58.8% of incidents reported to the Association in 2018. This upward trend has escalated further in 2019, with half-year data showing a further 167.6% year-on-year rise in crimes in unsecured parking places.

THE IMPACT OF CARGO CRIME

TAPA
Transported Asset Protection Association

THREATS TO BUSINESS

- Risks to employee & public safety
- Financial cost of recovery
- Inability to fulfill customer orders
- Damaged reputation & brand
- Disrupted production schedules
- Lost productivity
- Increased insurance premiums

ECONOMIC THREATS

- Major companies want to avoid crime 'hotspots'
- Potential impact on employment & national/regional investment
- Additional pressure on police resources

The true cost of loss can be 5-7 x the value of the stolen goods. In Europe alone, one EU study estimated the cost of cargo crime to be some €8.2 billion annually.*

*2018 European Parliament Study: 'Reported Loss of Goods and Services in the European Union'

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Etihad Airways and Saudia add more cities on codeshare agreement

ABU DHABI/RIYADH: The United Arab Emirates and the Kingdom of Saudi Arabia's national flag carriers have agreed to expand their codeshare agreement to more destinations in Asia, Europe and Africa.

Saudia (Saudi Arabian Airlines) has added its 'SV' code to Etihad flights between Abu Dhabi and 12 more destinations – Ahmedabad, Belgrade, Brisbane, Chengdu, Chicago, Dusseldorf, Lagos, Melbourne, Moscow-Domodovovo, Rabat, Seychelles and Sydney – while Etihad has placed its 'EY' code on Saudia flights to Peshawar, Multan, Port Sudan and Vienna.

The two airlines first signed a codeshare agreement in October 2018 placing their flight codes on each other's services between Abu Dhabi and the Saudi Arabian cities of Dammam, Jeddah, Riyadh and Medina.

Under the new deal announced, subject to regulatory approvals, Saudia will progressively add its code



Tony Douglas



Eng. Saleh bin Nasser Al-Jasser

to Etihad flights between Abu Dhabi and 11 more destinations in nine countries—Amsterdam, Baku, Brussels, Dublin, Hong Kong, Kathmandu, Bangkok, Phuket, Nagoya, Tokyo and Seoul, significantly extending Saudia's reach.

“Since announcing our partnership at this time last year, we have jointly achieved more than 53,500 passenger journeys, five times the 11,390 for the whole of 2018. The increased collaboration we have announced today will deliver even more growth to both airlines, provide greater choice for our passengers and freight customers, and further strengthen the ties between our nations,” said

Tony Douglas, Group Chief Executive Officer of Etihad Aviation Group.

Saudi Arabian Airlines Director General Eng. Saleh bin Nasser Al-Jasser, commented on the expanded agreements: “Network growth and increased access to destinations provides our guests with greater flexibility and convenience. We are pleased to further enhance our collaboration with Etihad Airways and continue to support the growth in services and routes.”

Etihad Airways serves almost 80 destinations, including four in Saudi Arabia, while Saudia operates flights across four continents with a modern mixed fleet of narrow and widebody aircraft.

'Air Arabia Abu Dhabi' will soon take-off

SHARJAH: The UAE's capital Abu Dhabi will soon launch its own low-cost carrier, 'Air Arabia Abu Dhabi.'

Etihad Aviation Group, owner of the national airline of the UAE, and Air Arabia, the Middle East and North Africa's first and largest low-cost carrier, jointly announced they will establish an independent joint venture company that will operate as a low-cost passenger airline with its hub in Abu Dhabi International Airport.

The Group said the new carrier will complement Etihad Airways' services from Abu Dhabi and will cater to the growing low-cost travel market segment in the region.

“Abu Dhabi is a thriving cultural hub with a clear economic vision built on sustainability and diversification. With the emirate's diverse attractions and hospitality offerings, travel and tourism play a vital role in the economic growth of the capital and the UAE. By partnering with Air Arabia and launching Abu Dhabi's first low-cost carrier, we are serving this long-term vision,” said Tony Douglas, Group Chief Executive Officer, Etihad Aviation Group.

Adel Al Ali, Group Chief Executive Officer, Air Arabia,



said the JV “demonstrates the strength of the UAE aviation sector and serves the vision driving its growth.”

“Home to the first low-cost carrier in the MENA region, the UAE has developed over the years to become a world-leading travel and tourism hub. We are thrilled to partner with Etihad to establish Air Arabia Abu Dhabi that will further serve the growing low-cost travel segment locally and regionally while capitalizing on the expertise that Air Arabia and Etihad will be providing,” said Al Ali.

Air Arabia Abu Dhabi will have its own board of directors whose members are handpicked by Etihad and Air Arabia, the MENA region's first and leading LCC which operates a fleet of 54 new Airbus A320 & A321 planes, serving over 170 routes from its four hubs in the UAE, Morocco and Egypt.

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Venue **Taj Mahal Hotel, New Delhi**



SalamAir completes all GCC routes with Bahrain added to network

MUSCAT: SalamAir is adding a new direct service between Muscat and Bahrain from Nov 14, completing its connectivity to all Gulf Cooperation Council countries in the region.

SalamAir said the new link will initially operate three times a week but will double the flights from Dec 2019, except on Fridays. The Bahrain route is the airline's 10th destination in the GCC, which includes Dubai, Doha, Riyadh, Jeddah, Kuwait, Abu Dhabi, Muscat, Salalah, and Suhar.

The oil-rich Bahrain is a fusion of modernity and ancient culture and history offering diverse attractions to cater to a myriad of interests including forts, museums, wildlife sanctuary, mosques, water parks, deserts, stunning race track, beaches, malls, among others.

"In keeping with the growing demand from our guests for seamless connections between Oman and Bahrain, we are delighted to launch this



Captain Mohamed Ahmed
SalamAir CEO

new destination. Flying to Bahrain is an important development, considering there is a lot of families connect along with it being a popular destination of interest for leisure and business travellers. We are confident that the new service will be warmly welcomed by people of both countries," said

Captain Mohamed Ahmed, CEO of SalamAir.

He added, "We see great potential in expanding our connections to Bahrain, further bolstering the extensive cultural, business and tourism links between Oman and other GCC countries."

Qantas successfully tests first non-stop commercial flight from New York to Sydney

SYDNEY: Australia's national carrier, Qantas Airways, successfully completed testing the world's first non-stop commercial flight from New York to Sydney that took 19 hours and 16 minutes in the air before landing on October 20.

The airline said a total of 49 passengers and crew were on the flight who had undergone a series of health assessments throughout their journey. Data from these experiments will be used help shape the crew rostering and customer service of Qantas' ultra-long haul flights in the future – including Project Sunrise.

Tests ranged from monitoring pilot brain waves, melatonin levels and alertness, through to exercise classes for passengers, Qantas said.

Cabin lighting and in-flight meals were also adjusted in ways that are expected to help reduce jetlag, according to the medical researchers and scientists who have partnered with Qantas.

Arriving in Sydney, Qantas Group CEO Alan Joyce said: "This is a really significant first for aviation. Hopefully, it's a preview of a regular service that will speed up how people travel from one side of the globe to the other.

"We know ultra-long haul flights pose some extra challenges but that's been true every time technology has allowed us to fly further. The research we're doing

should give us better strategies for improving comfort and wellbeing along the way," said Jones.

Qantas Captain Sean Golding, who led the four pilots operating the service, said: "The flight went really smoothly. Headwinds picked up overnight, which slowed us down to start with, but that was part of our scenario planning.

Given how long we were airborne, we were able to keep optimising the flight path to make the best of the conditions."

Two more research flights are planned as part of the Project Sunrise evaluations – London to Sydney in November and another New York to Sydney in December. Emissions from all research flights will be fully offset. A decision on Project Sunrise is expected by the end of the year



The Qantas Airways flight crew that made history in October by flying nonstop between New York and Sydney. Photo by James D Morgan/Qantas

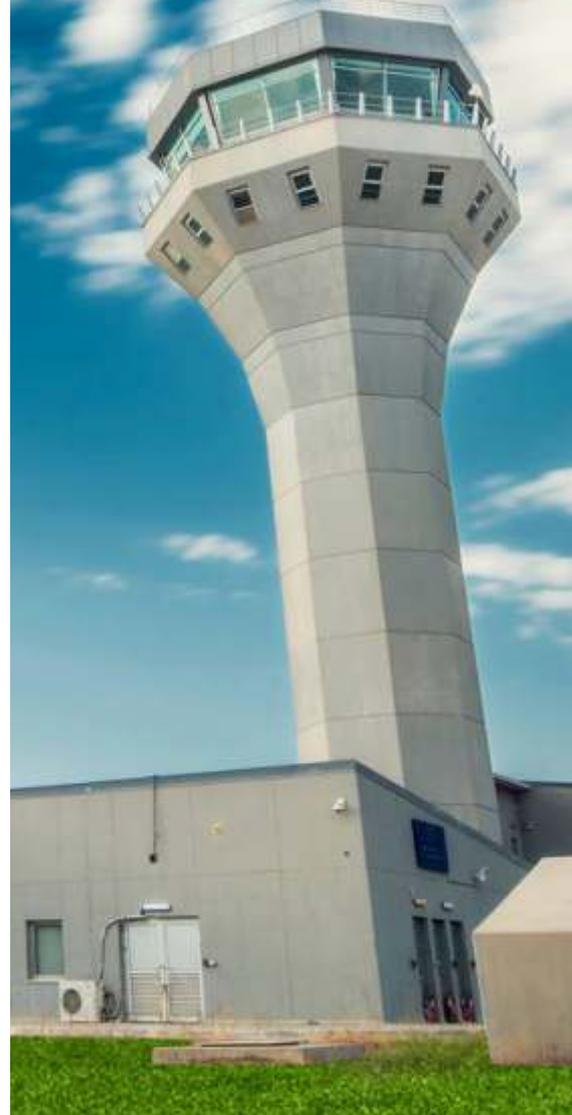
EIA looks forward to welcoming you in 2020

Located seven miles from the city centre, the airport, with its 4,800 metre runway is able to offer comprehensive facilities for passenger and cargo services.

Building on changes in 2019, EIA will offer the quickest cargo processing facilities in Iraq thanks to a wide ranging process review and investment in new technology. Full cold chain facilities are on offer to shippers alongside record clearance times.

You will find EIA and its partner in cargo and passenger handling, Dnata, willing and able to meet your cargo needs.

We look forward to welcoming you to Northern Iraq and the region of Kurdistan. It is the business gateway to the country.



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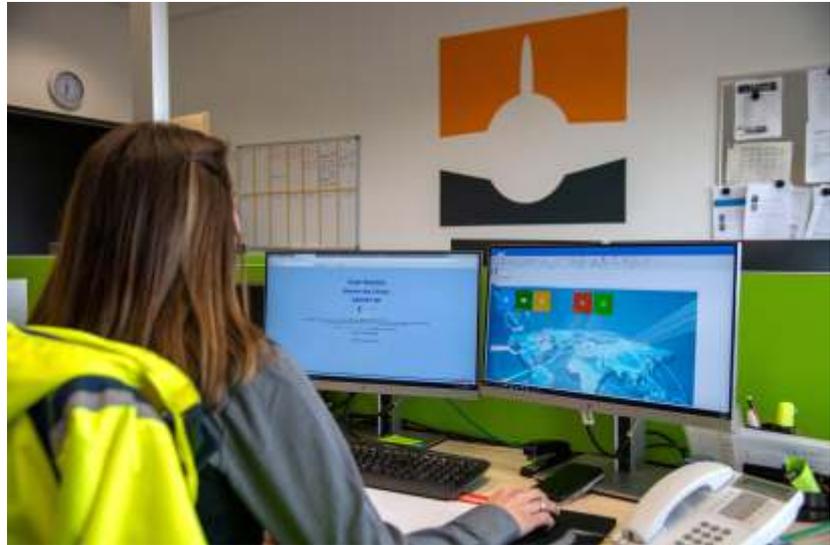
Liege Airport & Network Airline Management extend partnership

BELGIUM: Liege Airport and Network Airline Management (NAM) have extended their partnership agreement for a further three years, cementing the cargo operation in Liege for the foreseeable future.

Liege Airport is one of the most cargo friendly airports in Europe, with global connectivity by air and European connectivity by road, making it the perfect gateway for cargo operations. Since NAM, an air freight carrier offering both scheduled and charter services on a worldwide basis, moved its freighter operations in Liege in 2014, cargo volumes have increased considerably for both parties.

NAM says it continues to expand its business and network out of the Liege hub with its widebody freighters operating a minimum of 12 weekly flights into leading African destinations as well as operating charter flights globally.

Liege Airport offers 24/7 slots for



widebody freighters and has dedicated infrastructure as well as processes for freighter operators, with airfreight, requiring more than just belly hold capacity. The airport workforce, local cargo community and service suppliers, gives the operators the required combination

of flexibility, speed and cost efficiency.

"We have been able to grow our business over the last five years with the support of Liege Airport with their dedicated cargo infrastructure, we fully expect to continue developing and growing the business even

Leipzig/Halle Airport adopts DAKOSY's ZODIAK Customs software to speed up e-commerce process

HAMBURG: e-commerce shipments arriving at Leipzig/Halle Airport is now handled digitally thanks to the newly introduced Customs software called ZODIAK, developed and operated by the Hamburg software specialist DAKOSY.

DAKOSY said the software, which is approved for all ATLAS Customs procedures, is now being used at Germany's second-largest air freight hub by ground handling service provider PortGround GmbH, a wholly-owned subsidiary of Mitteldeutsche Flughafen AG, primarily for its growing e-commerce business.

Approximately 70 cargo planes land at Leipzig/Halle Airport every day, most of them loaded with parcels ordered via the internet. The new software has an integrated interface

with the airport's in-house IT systems and can thus process relevant Customs information to automatically trigger Customs processes.

"Especially in times of growing e-commerce business, a smooth supply chain is important to guarantee punctual delivery for customers and consumers. The digital handling of Customs processes is an essential part of this," said Ulrich Wrage, CEO of DAKOSY Datenkommunikationssystem AG.

The software automatically extracts the relevant Customs information from the manifests and triggers all pending Customs processes.

"For example, the first message triggered is the ICS declaration to the ICS (Import Control System) IT platform, as required for all EU imports from third countries. For air cargo, this must take place at least



four hours in advance of reaching the first airport within the EU. If the value of a shipment exceeds 22 euros, then upon landing ZODIAK also triggers the summary declaration to Customs and automatically initiates Customs import duty processing," explained DAKOSY.



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DXB & DWC gets Level 3 certification on carbon emission management

DUBAI: Dubai International and Dubai World Central have reached an important milestone on their journey towards neutrality by achieving Level 3 certification from the Airports Council International's Airport Carbon Accreditation program.

The airports explained Level 3 of the program provides an international airport-specific framework for active carbon management and continual improvement through partnerships between the airport and its service partners. It follows the successful completion of the preceding stages involving mapping of the airport's carbon footprint, & implementation of projects to minimize carbon emissions.

"As part of our commitment to achieve environmental sustainability, Dubai Airports has introduced several environmental initiatives to drive a cleaner and more sustainable future. The Level 3 carbon accreditation is the



result of our collective efforts in that direction and a reflection of our support and commitment to local and international initiatives," Emirates news agency WAM quoted Jamal Zaal, Vice President of Safety and Sustainability at Dubai Airports, as saying.

A number of green initiatives are underway at DXB and DWC including the project to replace ground service vehicle fleet with electric and hybrid

vehicles, while existing light fixtures are being replaced with 150,000 LED bulbs to cut energy consumption.

Earlier this year, Dubai Airports completed the installation of a 15,000-panel solar array at DXB's Terminal 2, the largest at any airport in the Middle East. More recently, the operator took a firm stance on single-use plastics by announcing a ban at both airports effective 2020.

Frankfurt Airport sees stable passenger traffic growth in 2019



FRANKFURT: Frankfurt Airport (FRA) continues to see stable growth on passenger traffic buoyed by intercontinental travels but its cargo throughput declines reflecting the ongoing global economic slowdown.

In September 2019, Frankfurt Airport said it welcomed some 6.7 million passengers – up by 1.3% year-on-year. Correspondingly, aircraft movements climbed by 1.7 percent to 46,713 takeoffs and landings. Accumulated maximum takeoff weights (MTOWs) also rose by 1.4 percent to more than 2.9 million metric tons.

Its cargo throughput (airfreight + airmail), however, shrank by 5.5% to

174,789 metric tons, reflecting the ongoing global economic slowdown.

From January to September 2019, the airport handled some

54 million passengers, up by 2.3% compared to the same period during the previous year. Growth was mainly driven by intercontinental traffic (up 3.4 percent), while European traffic grew at a slower 1.7% rate, it added.

Aircraft movements climbed to a total of 392,549 takeoffs and landings. Accumulated MTOWs expanded by 1.9 percent to almost 24.3 million metric tons in the reporting period. Only cargo volumes dropped by 2.9 percent to just under 1.6 million metric tons.

Airports across the world under Fraport's international portfolio registered mixed results during the first

nine months of the year.

"In September 2019, passenger traffic decelerated at most of Fraport's Group airports worldwide. This can be attributed to the weaker global economy, as well as the bankruptcy of several airlines and tour operators – with other providers unable to fully absorb the additional capacity immediately," the company said.

The airports it manages in Turkey, Russia and China, posted the highest growth. Antalya Airport (AYT) on the Turkish Riviera posted a traffic gain of 10.0 percent (September 2019: up 9.3 percent to about 4.8 million passengers) with some 29.1 million passengers.

Pulkovo Airport (LED) in St. Petersburg, Russia, served some 15.2 million passengers in the year to September, representing an increase of 8.1 percent (September 2019: up 5.0 percent to nearly 2 million passengers). Traffic at Xi'an Airport (XIY) in China grew by 6.2 percent to more than 35.6 million passengers (September 2019: up 5.9 percent to almost 4 million passengers).

OEM Support to Indian MRO

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MRO Association of India



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World Aviation Safety Summit 2019 to tackle impact of big data, digitalization, AI & predictive safety for global sector

% OF AIRLINES PLANNING MAJOR PROGRAMS / R&D BY 2022



Khalid Al Arif

DUBAI: The impact of increasing flight data analytics, digitalization, artificial intelligence and predictive safety for the global sector will be tackled at the World Aviation Safety Summit (WASS) 2019 when it returns to Dubai this year for its 7th edition.

Taking place on 09 and 10 December, WASS 2019 will advise how the use of data is vital in real-time and how data management has moved from a responsive function into being a core planning and prevention tool - transforming the way safety is approached by airlines and aircraft manufacturers, host Dubai Civil Aviation Authority said.

"The World Aviation Safety Summit provides our industry with an opportunity to learn about the latest advances in digitalisation, big data and predictive safety. These technologies

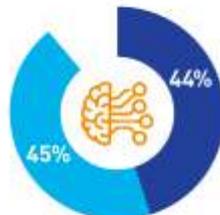
are advancing rapidly and it's important that we understand how they can be used to ensure improved safety with the sector. We are looking forward to welcoming global experts from across different markets for the seventh edition of the Summit," said Khalid Al Arif, Executive Director - Aviation Safety & Environment Sector at Dubai Civil Aviation Authority.

DCAA said industry leaders will showcase trends on the collection, analysis and sharing of safety data and how this is evolving across the world. They will look at how analysis of millions of data points on board aircraft leads to the successful prevention of incidents and effective

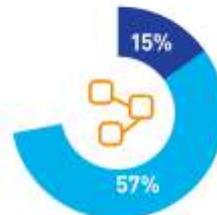
management of threats and hazards.

The latest International Air Transport Association (IATA) statistics show the accident rate in 2018 was lower than the previous five-year period. Despite an increase in accidents compared with 2017, which was an extraordinary year by industry standards, IATA statistics show continued long-term safety improvements in the commercial aviation industry.

The 2018 Airline Safety Performance registered the all accident rate (measured in accidents per 1 million flights) at 1.35, equal to one accident for every 740,000 flights.



Artificial intelligence



Blockchain



Robots/Autonomous machines

● Major Programs ● R&D

Air Transport IT Insights © SITA 2019

SITA: Airlines and airports spend \$50 billion on IT in 2018 to improve passenger experience

DUBAI: Airlines and airports spent a record US\$50 billion in 2018 on IT to support improvements to the passenger journey and are now beginning to enjoy the benefit of that investment, according to SITA's 2019 Air Transport IT Insights.

SITA, a leading IT provider for the air transport industry, says airlines and airports increased their IT spend in 2018 after several years of virtually flat growth with total IT spend for airlines as a percentage of revenue rising to 4.84% while airport IT spend grew to 6.06% of revenue during the period.

SITA said projections for 2019 show investments will continue to grow

noting that 60% of airline CIOs recorded up to a 20% year-on-year improvement in passenger satisfaction.

During the same period, 45% of them recorded up to 20% improvement in the rate of passengers processed. These strong returns on investment in technology were also seen at airports where 63% of CIOs reported a year-on-year improvement of up to 20% in passenger satisfaction levels while 44% recorded quicker passenger processing times. Both airlines and airports also recorded an improvement in their business performance.

"The good news is that the growing investment in automating the passenger journey means the industry is providing a faster, more pleasant airport experience. This is a real success story for automating the passenger journey, particularly at a time when we expect passenger numbers to double over the next 20 years, with physical airport infrastructure struggling to keep pace," said Matthys Serfontein, SITA President, Air Travel Solutions.

"Technology is key to alleviating the industry's capacity crunch and avoiding negative impacts on passengers."

Dubai aces first citywide run with help of tech



DUBAI: A section of one of the busiest roads in the world, the Sheikh Zayed Road, was closed down on November 8 for the first time as some 70,000 runners of all ages, nationalities and abilities took part in a one-of-a-

kind free run for the city dubbed Dubai Run 30x30.

The event is part of the 30-day Dubai Fitness Challenge (DFC), launched and championed by His Highness Sheikh

Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of Dubai Executive Council, which seeks to inspire residents to get fitter and healthier through 30-minute workout for 30 days. This year's Challenge ran from Oct 18 to Nov 16, 2019.

DFC's inaugural launch in 2017 had a million registered participants' thanks in part to the Dubai Fitness App which helps people monitor their workouts, explore free classes and fitness sessions, among other features.

"Today marks a milestone in our mission to make Dubai the most active city in the world - together as one society. I commend the enthusiasm and energy of our people and I am proud of how the people of Dubai - across ages, nationalities and abilities - have come together to create such an inspiring event. Congratulations to all those who accepted the challenge," said Sheikh Hamdan.

This marks the first time that people have been allowed to run on a section of the 14-lane highway, giving participants a unique, on-foot perspective of iconic sights such as the Burj Khalifa, Dubai Opera, The Dubai Mall and Emirates Towers as they come together to demonstrate their commitment to an active lifestyle and DFC's vision to make Dubai the most active city in the world. The Dubai run event featured two courses—a 5km and 10km route.

National Foundation for Cancer Research recommends some apps about cancer

MARYLAND: Technology continues to revolutionize how we live and work, including getting more information and help on health issues like cancer, with just a smartphone.

The National Foundation for Cancer Research says patients and families navigating cancer can access different apps that will give them more information and resources. The nonprofit group says the apps are not meant to replace a doctor or a specialist but rather as additional support to better understand cancer.

Here are some apps that the Foundation recommends:

Cancer.Net Mobile: free for iPhone, iPad and Android. The app includes features that allow patients to get up to date information on more than 120 types of cancer, log and track their treatments, receive advice on how to manage side effects, provide cost of care information, and connect to links for cancer-related podcasts, videos, and blogs.

CareZone: free for iPhone or Android. This organizational app helps patients remember treatments, plan care notes, summarize drug administration protocols, deliver medication and

doctors' visit reminders, and simplify treatment through taking and retaining pictures of medications, prescriptions, and supplements

Create To Heal: free for iPhone. Though the app isn't meant as a treatment management tool, it does focus on creativity and stress relief as a compliment to care plans. The app was tested over five years using hundreds of cancer patients. It provides guided meditations, soothing music, and art with a view to reducing stress and assisting in the healing process.

Chemo Brain: free for Apple devices. This app is designed to make it easy for patients to make notes in the moment so that this condition isn't a hindrance. Patients can jot down reminders for medications, appointments, questions for the doctor and thoughts on side-effects, as well as record what physicians say during an appointment and send e-mails to friends or family to keep them updated.

Cancer Dictionary Free: free for iOS devices on iTunes. The app gives instant access to oncology-specific information in an easy to use quick reference guide to facilitate understanding and give patients clarity.

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EXECUTIVE MOMENTS

Andrew Forbes is new Head of Middle-East and North-Africa Regions for Secure Land Communications of Airbus

DUBAI: Airbus has appointed Andrew Forbes as the new Head of the Middle East and North-Africa region of Secure Land Communications effective Sept 2, replacing Selim Bouri who has moved on to another position within Airbus.

Forbes will build on Airbus's previous strong performances in delivering the latest Tetra technology in those regions, targeting new markets, and developing mission critical-solutions tailored to customers' needs.

"We strongly intend to intensify efforts made in the fields of public safety networks, defense, transportation, energy and other critical industries such as the mining sector, in order to bring forward innovative and customised solutions that surpass competitors. In the Middle East region in particular, we

can build on our excellent existing customer relations," said Forbes.

"Our customers, particularly in the Middle East, are forerunners in mission-critical technology solutions. They are expecting their systems to follow the same megatrends that the civilian ones are following while maintaining the most important features such as security, reliability, resiliency, and of course, voice. Our aim is to bring forward hybrid possibilities, seamless connectivity, data-driven services, and applications with extremely high security standards while maintaining flawless voice services," added Forbes who is based in Riyadh, Saudi Arabia.

Forbes has 36 years of experience in the implementation, operation, and management of geographically dispersed Information and Communication Technology (ICT)



Andrew Forbes

systems and is an experienced communications and structured cable design engineer.

Forbes began his career in the British Armed Forces. He has a Master of Science (MSc) in Information Technology Service Management Degree from Northampton University and a Diploma in Company Direction. He joined Airbus in 2014.

WFS appoints Paul Carmody as Managing Director-UK Cargo



Paul Carmody

LONDON: Worldwide Flight Services (WFS), the world's largest air cargo handler, has appointed Paul Carmody as Managing Director of its cargo operations in the

United Kingdom.

Paul was Head of UK Operations for WFS in the UK prior to this promotion. He has a wealth of experience in the cargo handling industry, also holding senior positions at Menzies Aviation in Canada and the USA prior to joining WFS in 2009.

In his new role, Paul is responsible for all aspects of the company's cargo operations in the UK, reporting directly to John Batten, WFS' EVP Cargo, Europe, Middle East, Africa & Asia (EMEA). WFS' growing cargo operation in the UK handles close to 600,000 tons per annum for 40 airline customers at facilities in London, Manchester, Glasgow and UK regional airports.

"Paul thoroughly deserves this promotion. With his solid experience and operational skills, he will provide the leadership to grow our UK Cargo business and ensure we achieve our performance objectives in the coming years," said Batten.

UPS picks Pepsi Co. financial expert Brian Newman as new CFO

ATLANTA: UPS Chief Financial Officer Richard Peretz, 57, who will retire in December will be replaced by Brian Newman, 50, the former Executive Vice President, Finance and



Brian Newman

Operations, Latin America for PepsiCo, effective September 16, 2019, UPS announced.

Newman will join the UPS Management Committee, the senior-most leadership team responsible for management of the company. Peretz will remain with the company through December 2019 to assist Newman to ensure a smooth transition period.

UPS said Newman is a proven senior corporate leader with extensive finance, operations, corporate strategy and information technology experience. He served in positions of increasing responsibility at PepsiCo over 26 years and has worked in Asia, Europe, Russia and the U.S. in various corporate, regional and sector assignments.

Newman began his career in investment banking prior to joining PepsiCo. Peretz was appointed UPS CFO in 2015 and served in numerous roles throughout his 38-year career with UPS which he first joined in 1981.

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UPCOMING EVENTS

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update



Saudi Transport and Logistics Services: 'Saudi Arabia World Trade Forum'

Saudi Arabia is investing \$140 billion over the next 10 years in expanding and upgrading its transportation sector—maritime, rail, road, air transportation, warehousing and distribution seaports—to support its goal of diversifying its economy. Major infrastructure projects include Riyadh Metro, Mecca Metro, Jeddah Airport and Riyadh Airport.

Saudi Transport & Logistics Services is a vital platform for key government decision makers, transportation bodies, port authorities and industry professionals to announce initiatives, formulate strategies, discuss up-to-the-minute case studies and exchange information on global transport industry. The event is a great resource for companies interested in learning more about Saudi Arabia's growing transportation sector and provides companies with a valuable "first step" toward breaking into the Saudi market and the GCC region.

Riyadh International Convention & Exhibition Center, Riyadh, KSA
November 04-06, 2019

India Warehousing & Logistics Show

The India Warehousing & Logistics Show is the region's largest and the most successful exhibition of its kind offering visitors seven major product categories—materials handling, storage, flooring, warehousing infrastructure, automation & IT, packaging and also logistics service solutions. The show takes pride in being the only platform to identify new trends, showcase a wide range of products, network with peers and gather competitive intelligence. Pune, the progressive industrial city of Maharashtra, hosts the event.

Auto Cluster Exhibition Center, Pune, India
November 15-17, 2019

Dubai Airshow 2019

The 2019 edition of the Dubai Airshow will once again bring the aerospace community together. Show on show, the Dubai Airshow delivers an unrivalled gateway to established and developing markets – with 80% of the world's population located within eight hours of one of the UAE's airports this is where the industry comes to make connections.

Dubai Airshow 2017 gathered together 1,200 exhibitors from 63 countries, over 79,380 trade visitors with 159 aircraft on display. The event generated an order book of \$113.8 billion, the biggest in its history.

www.dubaiairshow.aero
DWC, Dubai Airshow Site
November 17-21, 2019

TIACA Executive Summit 2019

Budapest Airport (BUD) will host The International Air Cargo (TIACA)'s Executive Summit (ES) and Annual General Meeting from 20th to 22nd of November 2019. TIACA is working with EVA International Media to organise its ES, which brings together decision makers from across the globe for a series of panel discussions, keynote speeches, and round table debates. BUD will host an Opening Ceremony for its new dedicated freight center, called BUD Cargo City.

BUD Cargo City, Budapest, Hungary
November 19-21, 2019

12th Global Supply Chain and Logistics Summit

This summit held annually in Dubai, acknowledged as the biggest and the most informative thought leadership conferencing for supply chain and logistics industry in Middle East, Asian subcontinent, Turkey, Central & East Europe and Africa region, will focus on the latest insight and trends of global trade, economics, transportation, logistics, manufacturing and distribution. Uniqueness and sophistication of supply chain pertaining to various industry verticals like retail, energy, healthcare, automotive and FMCG will be included.

Dubai, UAE
November 27, 2019

Aerospace & Defence MRO South Asia Summit 2020

India will once again host the 3rd MRO South Asia Summit in February, bringing together the biggest global players in the industry under one roof to share and exchange knowledge, technology and business.

According to Boeing forecast, the aviation industry would need 42,700 plus new aircraft over the next 20 years. This rise in the global fleet will also increase demand in the MRO with industry spend to grow from \$81.9 billion in 2019 to \$116 billion in a decade.

New Delhi, India.
February 06-07, 2020



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<http://www.aircargoupdate.com/index.php/careers>

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