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July 01st, 2019

## RUAG's new Dassault Falcon 900 C-Check project to include ADS-B Out upgrade



RUAG MRO International signs a new contract for a 3C-check on a Dassault Falcon 900LX at its business jet support

facilities at Geneva-Meyrin, Switzerland. The returning customer wants to optimise the heavy maintenance check to include an avionics upgrade to comply with the European Aviation Safety Agency (EASA) mandate on ADS-B Out, as well as a partial cabin refurbishment.

In September 2019, the business aircraft is set to arrive at the RUAG site. Besides the avionics upgrade for compliance with Mandate 2020, which is due on 7 June, the 3C-check project also includes a partial cabin refurbishment in the scope of work.

All services are scheduled to take place during the one downtime. RUAG knows the advantage of one-stop shop approach, citing that the customer is able to benefit from more time in the air for profitable, scheduled operations.

"Optimising heavy maintenance checks, like this 3C-check, allows our customers to save on both time and costs," said Stephan Woodtli, Managing Director for Sites Lugano and Geneva, RUAG MRO International.

#### AerSale takes over Qwest Air Parts to expand airframe parts sales

erSale has acquired aircraft parts distributor Qwest Air Parts, Inc. Qwest is based in Memphis, Tennessee. The company deals with aircraft dismantlement and the refurbishment and resale of USM. They have disassembled more than 200 aircraft, gives 24/7 AOG service, and operate a teardown facility in Crestview, Florida.

Qwest's founder, President and CEO, Gary Jones will continue to lead Qwest and operate as a stand-alone independent subsidiary of AerSale.

## Etihad Aviation Training sparks major growth

**D**ue to the growing demand for airline pilots and popularity of Airbus A320 and Boeing 787 aircraft have sparked major growth in the pilot training division of Abu Dhabi's Etihad Airways.

Last year, Etihad has won contracts to train pilots for over 40 clients, half of the airlines are in the Middle East, Africa, Europe, Indian sub-continent and South East Asia. A year ago, it supported only three other operators.

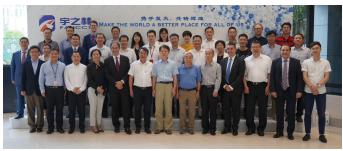
Currently, Etihad Aviation Training has over 100 cadet pilots and 22 training aircraft which includes four Embraer Phenom 100 jets.



Etihad Aviation Training has 10 Full Flight Simulators including three Airbus A320 devices, two Boeing 777s, three Boeing 787 units, a single unit for Airbus A330s/A340s, and one A380 simulator, as well as 12 fixed-based Airbus and Boeing training devices. An Airbus A350 simulator will be added later this year, as well as an A320 fixed base training unit.



# Hexcel announces official opening of FAHCCT laboratory in Shanghai



Hexcel, Progen and Future Aerospace have opened their new joint venture laboratory and materials testing facility in Shanghai, China.

China will receive advanced aerospace standard materials testing laboratory that offers technical services which include support with materials qualification for commercial aircraft programmes from Future Aerospace Hexcel Commercial Composite Testing Limited (FAHCCT).

The new laboratory has over 1,000 square meters of floor space which will be completely operational in the coming weeks. The lab has employed 18 technicians to perform highly reliable testing of composite materials for commercial aerospace customers in China and the wider Asian region.

# Cebu Pacific renews total component support contract with Sabena technics



**S**abena technics and Cebu Pacific have extended their existing contract by an additional five years for Component Support of its fleet of ATR aircraft.

Initially, Cebu Pacific and Sabena technics have signed the contract in 2014 which covers a wide range of solutions including pool access, repair and overhaul of rotable components together with propellers option, as well as the refilling of consignment stock

The airline is supported by Sabena technics at a warehouse in Singapore, with further backing from facilities in Dinard (France).



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#### **Exclusive Interview**

#### The ABC of Hangar Door

What is the hangar door made of and how frequently does it require maintenance. Like an aircraft hangar, a hangar door too, plays by its own set of rules. It requires highly skilled and specialised training to install a hangar door.

Swati Ketkar finds more about hangar door technology in an exclusive interview with Jonathan Jewers, Director at Jewers Doors Ltd.

#### Q - Q - Can you explain the maintenance required for hangar doors? How often does a hangar door need servicing?

A - We recommend that our hangar doors are maintained at least once a year, but depending on frequency of use and the value of what the hangar holds, this could be reduced to twice a year or even every quarter. All our maintenance procedures are based on a preventative regime to ensure that the hangars doors continue to operate at their optimum performance, as opposed to reactive maintenance

### Q – What is a normal shelf life of a hangar door? When is the hangar door completely replaced?

A - Jewers Doors still has hangar doors in daily operation that were installed pre-WWII. With the correct service and maintenance system in place, there is every reason our hangar doors will last the life of the hangar. However, we normally stipulate 20+ years until major overhaul of a door is required, subject to it being maintained in accordance with our recommendations.

## Q – What are the different types of materials used in the making of hangar doors? What is the latest material used in hangar door technology and what

#### are its advantages?

A - Our larger hangar doors are made predominantly of structural steel; however other materials used for particular aspects of the doors include stainless steel, aluminium, EPDM rubber and nylon brush seals. The doors can be clad in any material, including but not limited to sandwich panels, polycarbonate, GRP, glass, aluminium etc. All of our hangar door control panels are purposed designed to suit each project. In the near future we will have remote access to our doors which will have the benefit of remote diagnostics and reduce the need for engineers to visit the site to undertake fault rectification.

#### Q – What is the standard time taken for the installation of a hangar door?

A -The installation of a door could range from one week to two years! Size is everything with regards to a hangar door and heavily influences the time taken to install it. Each installation is different and each has its own challenges to overcome. Jewers Doors is a company that specializes in the large hangar projects and provides turnkey hangar door installations to every corner of the world; with each country having its own way of working. We have the staff and capabilities to deliver successful projects on every occasion.

#### Q – What are the types of hangar doors provided by Jewers Doors? How are Jewers Doors different from other doors on the market?

A - Jewers Doors' range of hangar doors is predominantly made up of sliding and sliding/folding hangar door systems. However, if required we design, manufacture and install custom-made and unique products to suit the client's requirements and operational needs. The difference between Jewers Doors and other hangar door companies is that we work closely with clients and architects to provide a unique door to suit their operational requirements and company requirements.

#### Q – What is the future of hangar door technology?

**A** - Increased thermal and acoustic performance using efficient design and construction methods whilst still maintaining safety and reliability.

## Q – Can you tell us briefly about the training needed to install and maintain hangar doors?

A - A degree in 'astrophysics' will not teach you how to install and maintain our doors, nor will you require one; however being taught by our highly experienced engineers is highly recommended. You will gain the most experience and knowledge by working with our teams on real life projects and learning the skills needed to carry out the job to the standards required.

There are no academic or technical courses specifically for the installation and maintenance of hangar doors – although an interest in mechanical engineering is useful. Our highly experienced engineers train new employees and they gain the most experience and knowledge by working with our teams on actual projects and learning the skills needed to carry out the job to the standards required.





#### German armed forces receives Airbus A319CJ from Lufthansa Technik AG



The German armed forces have received a converted Airbus A319CJ from Lufthansa Technik AG in an official ceremony in Hamburg. The German armed forces have received this aircraft under the Treaty on Open Skies. The aircraft was handed over by Lufthansa Technik AG in the presence of Niels Annen, Minister of State at the Federal Foreign Office and Ursula von der Leyen, Federal

Minister of Defence. The converted Airbus A319CJ will be used for missions and also for medical and conventional passenger transport.

The conversion of aircraft which was a business jet was completed on time and within budget. The Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBW) looked after the project.

#### Defence exclusive

#### ItAF extend performancebased logistics support for KC-767A tankers from Boeing

**B**oeing to provide Performance-based Logistics (PBL) support to the Italian air force (ItAF) fleet of KC-767A tankers through July 2021 as per an extended contract agreement for two more years which was signed at the Paris Air Show.

With the help of the partnership with Boeing, the ItAF can depend on the outstanding aircraft availability, which has been instrumental to the success of missions. The goal of ItAF is to have continued mission readiness and success through the extended PBL agreement.

"Providing unparalleled services to our defence customers around the globe is paramount," said Torbjorn 'Turbo' Sjogren, Vice resident of International Government & Defence for Boeing. "We look forward to further supporting our ItAF partners and enabling their mission readiness for the next two years."

### GKN Aerospace delivers thermoplastic composite components for Bell V-280 Valor



GKN Aerospace has delivered a pair of thermoplastic composite, induction welded Ruddervators, and two compression-moulded Access Panels manufactured from re-used thermoplastic waste material, to Bell Helicopter, a subsidiary of Textron. Ruddervators are the control surfaces for an aircraft with a V-tail configuration. As

partner on Bell's Team Valor, GKN Aerospace has designed and manufactured the complete thermoset composite V-Tail for the Bell V-280 Valor. The Ruddervators and Access Panels are technology demonstrators and are planned for flight testing on the aircraft in 2019. This will make the V-280 one of the first military aircraft flying

with thermoplastic components.

GKN Aerospace is a technology leader in thermoplastic technology with thermoplastic rudders, elevators and fuselage panels flying on a wide range of business jets.

Injection of this technology on a military platform opens opportunities for wider application in the defence market. Thermoplastics offer major advantages in terms of weight, costs, production time and environmental impact.

The two compression-moulded Access Panels have been manufactured from recycled thermoplastic waste material from the two Ruddervators and have been developed in a Dutch TPC-Cycle research program led by Saxion. GKN Aerospace is a partner in the research program.

In parallel to the demonstrator program, the GKN Aerospace global design team supports Bell with further design optimisation of the V-Tail.

John Pritchard, CEO GKN Aerospace ASEA says, "We are proud to be part of Team Valor and to be selected for the design of the V tail. It is very exciting that our cutting edge thermoplastic technology will be flight tested for the first time on the state-of-the-art V-280 Valor."



#### **Elbit Systems starts operation of Maritime UAS Patrol Service to countries in EU**



f E lbit Systems has commenced the operation of the maritime UAS patrol service which is available to countries in the European Union (EU) under a contract between the European Maritime Safety Agency (EMSA) and the Portuguese company CEiiA. The first EU country to use this particular longrange UAS patrol service is Iceland. The Hermes 900 Maritime Patrol operation was carried out by the Icelandic maritime authorities at the Egilsstadir airport in the East of the island, from which maritime UAS patrol can cover more than half of the Icelandic Exclusive Economic Zone (EEZ).

The Hermes 900 Maritime Patrol is an unmanned maritime surveillance system. It can be used for long-range surveillance and is made for littoral and blue water operations, featuring maritime radar, Satellite Communication, an Electro Optic payload, an Automatic Identification System (AIS) receiver and an Emergency Position-indicating Radio Beacon (EPIRB) receiver.

#### AAR selected as exclusive distributor for Woodward supporting the US military

AR has been selected as the exclusive distributor for Woodward for the promotion and sale of spare piece parts in support of US Government fleets.

As part of this agreement, AAR OEM Solutions is providing piece part distribution for components on multiple platforms including the T700, LM2500 and TF34 engines. Excluded from the agreement are piece parts included in Woodward's existing long-term contracts with the US Government.

"We are excited to partner with Woodward in support of the US Military," said Eric Young, AAR Senior Vice President of OEM Solutions. "AAR will leverage its experience and unique tools to shorten lead times and increase parts availability."

"We believe this relationship will provide significant benefits to both our military customers and Woodward, and we are pleased to be partnering with AAR," said John DiSilvestro, Woodward, Inc. Vice President of Sales, Marketing and Commercial Operations for Aircraft Fuel Systems and Controls.



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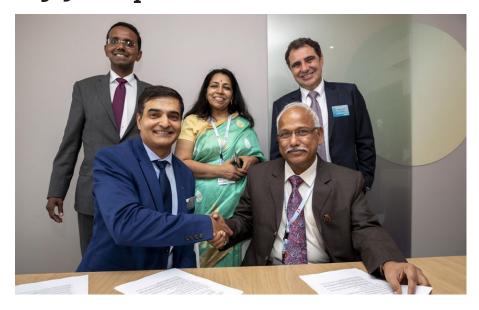
#### Airbus Helicopters, Pawan Hans to launch H145, H225 and support AS365N Dauphin

#### Paris Air Show 2019

Pawan Hans Limited (PHL), a helicopter service company based in New Delhi, India has signed a Memorandum of Understanding (MoU) with Airbus Helicopters to work together on the future introduction of two new categories of rotorcraft in the PHL fleet as well as for the repair, maintenance and overhaul of its existing AS365N Dauphin helicopters.

The MoU, signed by Air Commodore Dayasagar, Executive Director at PHL and Ashish Saraf, Head of Airbus Helicopters for India and South Asia, also includes customised training and an onsite Safety Management System (SMS) for PHL pilots.

The MoU requires that Airbus Helicopters will support PHL in growing its onshore, offshore and inland travel markets by introducing the best-in-class H145 and H225 rotorcrafts into their fleet. Airbus Helicop-



ters will also provide predictive and scheduled maintenance, repair and overhaul services for PHL's existing Airbus AS365N Dauphin helicopters, the MoU said.

PHL is the largest customer in the world for Airbus Dauphin helicopters. It currently has 37 units deployed for offshore Oil & Gas operations, VIP transportation and other utility duties.

### Air Lease Corporation buys 5 787-9 Dreamliners from Boeing



**B**oeing and Air Lease Corporation signed an MoU at the Paris Air Show in which ALC will purchase five 787-9 Dreamliners valued at USD 1.5 billion at list prices.

"Demand for reliable, versatile, and fuel-efficient airplanes is at an all-time high," said Steven Udvar-Hzy, Executive Chairman of Air Lease Corporation. "These five Boeing 787-9 aircraft are required by our airline customers to satisfy strong ALC lease placements of the 787."

Since its inception, Boeing has sold more than 1,400 Dreamliners thereby making it the fastest-selling widebody jet worldwide.

Some of the salient features of 787 Dreamliner are as follows

- It allows airlines to reduce fuel use and emissions by 20 to 25 percent
- It can fly 296 passengers and 7,635 nautical miles

This combination of unparalled fuel efficiency and long range has helped the airlines to save more than 36 billion pounds of fuel and open more than 235 non-stop routes.

"We are thrilled that ALC has decided to add more 787 Dreamliners to its elite portfolio of airplanes that they place with customers across the globe," said Ihssane Mounir, senior vice president of Commercial Sales and Marketing of The Boeing Company. "I'm confident that the market-leading capabilities of the 787-9 will continue contributing to ALC's long-term success."



#### Embraer completes 50 years



**T**mbraer will be celebrating its 50 years anniversary at the 53rd International Paris Air. Embraer will have a big exhibition area which will consist of a state-ofthe-art aircraft in static and in-flight display, as well as a pavilion dedicated to Embraer's history during half of a century in the aviation industry.

Embraer will be putting on display the new E195-E2 which is the second-generation commercial jet family; the light attack and training aircraft A-29 Super Tucano; the multi-mission airlift and in-flight refuelling KC-390; and the Praetor 600 at the demonstration area.

All the notable events of Embraer's five decades history will be recalled in a pavilion which will be dedicated to exhibiting images and information of the company's products that have made history in the global aviation industry.

#### **NYCO** products receive qualifications



TYCO Turbonycoil 600, a synthetic standard turbine oil, is now approved for use on Pratt & Whitney Canada PW150 engine powering De Havilland Aircraft of Canada Limited Dash 8-0400. This new qualification was carried out, in collaboration with Pratt & Whitney Canada, De Havilland, and Luxembourg airline Luxair.

Also, following Collins Aerospace's streamlining project in Toronto, the Nyco Grease GN 148, a multi-purpose grease, is now qualified on the Collins Aerospace landing gear that equips the Dash 8-Q400.

These two qualifications allow NYCO to extend its range of qualified products to airlines with a regional fleet, but also to provide a better support to Pratt & Whitney Canada for its full range of turboprops and turboshaft engines.



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#### AFI KLM E&M, 2AS partner for Dakar line maintenance structure



FI KLM E&M has signed a partner-Aship agreement with 2AS to set up a line maintenance joint venture at Dakar's Blaise Diagne International Airport.

AFI KLM E&M and AIBD Assistance Services (2AS), the exclusive airport ground handling services provider at Aroport International Blaise Diagne (AIBD) signed a partnership agreement to pool their expertise and resources in a joint venture dubbed 2AS Technics in the presence of Senegal's Minister of Tourism and Air Transport Alioune Sarr. 2AS Technics' operations will focus on line maintenance support for airlines based at or flying to the new Dakar airport.

As the exclusive airport ground handling services provider at the airport under a ministerial decree, 2AS set up its 2AS Technics subsidiary to handle line maintenance services at the airport. 2AS Technics already supports regional airlines, including Senegal's new flagcarrier, Air Senegal. Through its partnership with 2AS and equity interest in 2AS Technics, AFI KLM E&M will contribute its expertise to the joint venture to deliver competitive, high-quality line maintenance to the international airlines operating to and from Dakar.

Anne Brachet, Executive Vice President, Air France KLM Engineering & Maintenance, said, "We are delighted to contribute our skills and expertise to 2AS

Technics so as to offer the best line maintenance support for airlines operating at Blaise Diagne International Airport. AFI KLM E&M is one of the world market leader for such services through its Line Maintenance International network, and customer airlines are guaranteed to benefit from reliable, top-quality and competitive support at the airport when they call on 2AS Technics solutions for their line maintenance operations."

After entering service on 7 December 2017, Dakar's new Blaise Diagne International Airport handled over 2 million passengers during its first year in operation and is a major driver for developing tourism throughout the region. Currently, the airport is used by over 30 regional and international airlines serving 40 destinations in 33 countries on four continents. The partnership between AFI KLM E&M, whose line maintenance solutions are internationally regarded, and 2AS as part of 2AS Technics, will contribute to enhancing the airport's reputation and to attracting new carriers to the airport, where they will benefit from high-level line maintenance services based on AFI KLME&M's MRO-Airline know-how and experience.

Alioune Sarr, Senegal's Minister for Tourism and Air Transport, commented, "Convergence, which will contribute to bolstering the attractiveness of Blaise

Diagne International Airport. The alliance between the regional specialist in airport ground assistance services, 2AS, and the leader on the global line maintenance market, AFI KLM E&M, will deliver ultra-efficient line maintenance support to the carriers already using the airport as well as all those that may want to include Dakar in their flight network."

Ibrahima Kane, Air Senegal Chief Executive Officer added, "The partnership between AFI KLM E&M and 2AS is a major opportunity for airlines flying to and from the Blaise Diagne hub. Air Senegal is one such and, in this respect, can benefit from top-quality line maintenance support underpinned by the expertise of AFI KLM E&M, the world market leader for this product and for aircraft maintenance. The offering of 2AS Technics delivers real added value for the operations of Air Senegal and other carriers at Blaise Diagne International Airport."

Askin Demir, 2AS Chief Executive Officer, declared, "We are pleased with this partnership between AFI KLM E&M and 2AS. The 2AS Technics joint venture promotes a strengthened and credible technical skillset by combining its name and offering with the brand image and experience of a leading player in the global MRO market, known and recognised for the quality of its services, and its line maintenance solutions in particular."



#### MTU Aero Engines to launch site in Serbia



TU Aero Engines has chosen the municipality of Nova Pazova, about 25 kilometers north of Belgrade International Airport as the location for its new repair facility. The company will establish a parts repair shop with a capacity of approximately 400,000 annual repair hours. This is in addition to the 1.9 million repair hours MTU currently performs per year at existing facilities. The new site will be run by MTU Maintenance Serbia d.o.o., a 100 percent MTU subsidiary to be founded soon, and is expected to be operational over the course of 2022.

Serbia's Prime Minister Ana Brnabic, commented, "MTU Aero Engines is our partner of choice in forming the nucleus of the future aerospace industry in Serbia. We intend to create a dedicated aerospace cluster around MTU's investment and we are looking forward to attracting further partners. Highly skilled and motivated people are our key asset in establishing Serbia as an attractive location for the global aviation industry."

Following the Memorandum of Understanding (MoU) signed by MTU

and the Government of the Republic of Serbia in early May this year, Prime Minister Ana Brnabic handed over major administrative approvals to Michael Schreyogg, Chief Program Officer, MTU Aero Engines, today. These documents provide the basis for MTU's upcoming activities in Serbia. Within the course of this year, the company will establish a project office in Belgrade. A core team is already coordinating the setup of the new shop, e.g. selection of local suppliers. Ground-breaking is expected to happen in autumn 2020.

"Setting up this new site is part of MTU's global growth story," said Schreyogg. "MRO business will further ramp up in the years to come. To answer this challenge, we are investing in our existing facilities and expanding our current network with this dedicated parts repair shop. Operational flexibility is key to provide competitive services to the global market. Including the name Serbia in our subsidiary's brand underlines our confidence in becoming a valuable and committed industrial player in Serbia."

#### Collins Aerospace, Sikorsky develop new fly-by-wire technology



Systems have developed a new fly-by-wire retrofit solution that lets autonomous flight for rotary and fixed wing aircraft. The demonstration of the technology was carried out as part of Sikorsky's Optionally Piloted Vehicle (OPV) system. On May 29, Sikorsky's S-70 OPV Black Hawk flew for the first time as part of the DARPA Aircrew Labor In-Cockpit Automation System (ALIAS) programme.

The new system is designed for safety-critical applications. It is triple redundant and substitutes a mechanical system of rods and pulleys with electromechanical actuators controlled by an improved flight control computer. Collins Aerospace engineers and Sikorsky worked together to design this "jam free" system with purely magnetic coupling, which removes the need for gearing, ball screws or clutches. This is the first time such a system has been used in a safety critical aerospace application.

The innovative design of the fly-by-wire solution allows much of the logic that would typically reside within the primary flight control computer to now reside externally in its own control module or the actuator itself. This has further simplified the system architecture and increases reliability. The system is designed in such a way that it allows it to be installed without modifying the hydraulic system or hydraulic actuator, eliminating the need for re-qualification of the hydraulic system and thus giving a more affordable retrofit option.



#### **Executives in Focus**

#### Boeing appoints Surendra Ahuja as **Managing Director of BDI**

**B**oeing has appointed Surendra Ahuja as Managing Director of Boeing Defence India (BDI), based in New Delhi.

Ahuja will look after BDI in alignment with Boeing's accelerated growth strategy for India. He will be responsible for the execution of current and future programmes across all BDI business sectors in a collaborative environment with Boeing Defense Space and Security (BDS) and Boeing Global Services (BGS). He will also be responsible for delivering on Boeing's commitments to its Indian defence customers while positioning it for new business opportunities. Ahuja will work with Salil Gupte who is recently appointed as the leader and President of Boeing India.

Ahuja served in the Indian Navy as Rear Admiral before joining Boeing. He has held various leadership and operational roles with the Indian Navy. He also had an assignment with the US India Defence Trade & Technology Initiative (DTTI), where he managed the joint working group of Aircraft Carrier Technology Cooperation from inception, in co-operation with the US Navy.

"We welcome Surendra Ahuja to Boeing India and fully support him to further strengthen our work in the country. I look forward to collaborating with him to deliver enhanced quality and capability to our defence customers," said Salil Gupte, President, Boeing India.





#### **Emlyn David** to serve as CEO & President of Skyservice **Business Aviation**

**E**mlyn David has been appointed as the CEO of Skyservice Business Aviation. He will also resume his current position as President which he has held from 2012. He was also the Director of the Company and has served in various capacities since 2008.

David has worked beside the previous CEO Marshall Myles since 2008, honing his leadership skills in the aviation industry. He has been recently leading the building of a second new Skyservice facility in Toronto consisting of 90,000 square feet of hangar space and 20,000 square feet of terminal space which is scheduled to open in the Fall of 2019 at Toronto Pearson International Airport.

#### **Cutter Aviation promotes Jon Lassak to Chief Pilot**

utter Aviation has promoted Jon Lassak to the role of Chief Pilot for Cutter Aviation's Charter and Flight Management Department based in Phoenix, Arizona. In his new role, Lassak is enthusiastic about the opportunity to lead and train a great team of pilots as they grow Cutter Aviation's charter flight operations and aircraft management services for their domestic and international client base.

Lassak holds a Bachelor's Degree in Business Management and has been a part of aviation for over 20 years. He started in the United States Air Force as an F-16 Crew Chief and completed his flight training at the University of North Dakota. After teaching for four years at UND Aerospace as the Lead Flight Instructor managing over 50 pilots and instructing on the King Air, Jon decided to take his aviation career to the next level by joining Cutter Aviation in 2017. He is Captain of both the HondaJet and Pilatus PC-24. Jon is thrilled to be part of the leadership team as Chief Pilot in Cutter Aviation's growing fleet of seven aircraft and 13 pilots based in Arizona and Texas.

#### **Suren Meras promoted** to Executive Director by FlightSafety International

Network of business and commercial aviation learning centres. In his new role, he will be responsible for maintenance, cabin safety, pilot, dispatch and instructor training as well as customer support, courseware development and simula-

"Suren's thorough understanding of FlightSafety's training programmes, his focus on Customer service, and more than 35 years of aviation experience make him the ideal choice for this important role," said Dann Runik, Senior Vice President, Operations.

In 2007, Suren joined Flight Safety as Assistant Centre Manager and Director of Training at the Toronto Learning Centre. In 2015, he was promoted as Director, Training Operations and later on as Senior Director, Operations in 2018.

Before joining FlightSafety Suren was Chief Pilot, Head of Training, and a JAA Senior Examiner at Tyrolean Airways. He was also a Captain at City Express Airlines and Supervising Flight and Ground School Instructor at Central Airways Corporation.

## International Events

MRO EVENTS			
DATE	EVENT	VENUE	
11-12 Sept 2019	Aero Engines Europe	Conrad Istanbul Bosphorus, Turkey	
18-19 Sept 2019	15th Maintenance Cost Conference (MCC)	Athens, Greece	
24-26 Sept 2019	MRO Asia-Pacific	Singapore Expo Convention and Exhibition Centre, Singapore	
15-17 Oct 2019	MRO Europe	London, UK	
26- 28 Nov 2019	Vietnam International Aviation Expo 2019	Tan Son Nhat Pavillon Convention Center, Vietnam	
06-07 Feb 2020	3rd Aerospace & Defence MRO South Asia Summit 2020	New Delhi, India	
10-11 Mar 2020	MRO Russia & CIS 2020	World Trade Center, Moscow, Russia	

AIRSHOWS			
DATE	EVENT	VENUE	
15-18 Aug 2019	Eastbourne International Airshow	Eastbourne, England	
17-21 Nov 2019	Dubai Airshow	DWC, Dubai, UAE	
11-16 Feb 2020	Singapore Airshow	Changi Exhibition Centre, Singapore	
20-24 July 2020	Farnborough International Airshow 2020	Farnborough, England	

OTHER AVIATION EVENTS			
DATE	EVENT	VENUE	
28 - 29 August 2019	4th Civil Aviation South East Asia Summit(CASEA) 2019	Bangkok, Thailand	
03 - 04 Sept 2019	16th Asia Pacific Airline Training Symposium	Marina Bay Sands, Singapore	
16 - 18 Sept 2019	AIR Convention Europe 2019	Vilnius, Lithuania	
23 - 26 Sept 2019	World Financial Symposium	Miami, Florida, USA	
08 - 11 Oct 2019	Inter airport Europe 2019	Munich Trade Fair, Germany	
10- 13 Oct 2019	China Helicopter Exposition	Tianjin, China	
15 - 17 Oct 2019	Global Airport and Passenger Symposium 2019	Warsaw, Poland	
20 - 23 Oct 2019	ATCA Annual Conference & Exposition	Washington, D.C., USA	
22 - 24 Oct 2019	NBAA Business Aviation Convention & Exhibition (NBAA-BACE)	Las Vegas, NV, USA	
30 - 31 Oct 2019	Wings Of The Future Forum 2019	Moscow, Russia	
13 - 14 Nov 2019	ISTAT Latin America Forum	Buenos, Argentina	
10 - 12 Mar 2020	World ATM Congress 2020	Madrid, Spain	
12 - 14 May 2020	ATCA Technical Symposium	Atlantic City, N.J., USA	
13 - 16 Sept 2020	ATCA Annual Conference & Exposition	Washington, D.C., USA	

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