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NGAP Outreach News Nov. 2016



Women in Aviation (WIA), along with the Young African Aviation Professional Association (YAAPA), invited girls, accompanied by boys, in Cameroon to connect, explore and experience aviation first-hand at their **Girls in Aviation Day!**

Fadi Noutchemo, the founder of YAAPA and Women in Aviation (WIA) organized the Girls in Aviation Day, lending new meaning to the alphabet.



The Cameroon Chapter of Women in Aviation (WIA), founded in 2015 by Fadi Noutchemo, who now serves as president, held a “Girls in Aviation Day” on September 24th, 2016.

The event was open to boys and girls of all ages and over 100 children participated in the event.

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YAAPA and Bench Events - Working in partnership to inspire the next generation of African aviation professionals through AviaDev!

YAAPA and Bench Events signed a partnership agreement ahead of the inaugural AviaDev Africa event. This partnership was put into action onsite during the event in Kigali (4-6 October 2016), when a joint delegation from YAAPA and attendees of the AviaDev conference visited the University of Tourism, Technology and Business Studies. Speakers included a female airline pilot, an airport route development specialist from Cote d'Ivoire and an airport cities consultant. Ten student passes were offered to attend the main conference, thereby providing the students with an opportunity to engage with key stakeholders. This led to the formation of YAAPA's most recent chapter launched onsite in Kigali (picture above).

Jonathan Worsley, Chairman Bench Events, Jon Howell, Managing Director, AviaDev, and also Executive Director of YAAPA for Europe, and Fadi Noutchemo, Founder and President of YAAPA, share a common vision of an African aviation market that is progressive, open and where there is a need to focus on developing the next generation of aviation professionals.

For more information please visit: www.yaapa54.org and www.aviadev.com

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Fadi and AVIADEV Sponsors in Kigali, Rwanda



We Are Aviators Facebook Page – by Nadine Kang

This post comes to us via the *We Are Aviators Facebook* page: ICAO in partnership with the International Aviation Women’s Association (IAWA), held a photo contest last September to provide participants with an opportunity to showcase their creativity and to share their ideas on gender equality. This photo contest has been designed to empower all women and girls to careers in aviation, by inspiring others and by being role models and mentors. Check out We Are Aviators at: <https://www.facebook.com/WeareAviators/posts/1602628536431014>

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39th TRIENNIAL ASSEMBLY

NGAP Resolution Adopted at 39th ICAO Assembly

The 39th ICAO Assembly was held in Montreal from 27 September to 7 October 2016. The ICAO Assembly is the Organization’s sovereign body and meets every three years in order to approve the work programme of the Organization. The Assembly reviewed the NGAP Programme and its activities and adopted a new Assembly Resolution on NGAP. This resolution calls on States, industry, international and regional organizations and academia to support the NGAP programme by providing both financial and human resources and to promote activities to attract, educate and retain the next generation of aviation professionals.

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ARSA Talks About Workforce Development

ICAO was invited to speak at the Aeronautical Repair Station Association’s (ARSA) 2016 Strategic Leadership Conference (SLC) that was held on 5-6 October 2016 in Montreal. The SLC brings together senior aviation executives from around the world to discuss and craft solutions to regulatory, political and economic challenges. ICAO participated in a panel discussion about workforce development with the Canadian Council for Aviation and Aerospace (CCAA) and the Aviation Technician Education Council (ATEC). The discussion highlighted industry involvement and activities in engaging the next generation, as well as working with academia to promote aviation as a career.

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DARE TO DREAM!
Lieutenant Kgomotso Phatsima

Lieutenant Kgomotso Phatsima is among the first female officers to fly in the Botswana Defence Force and is also a member of Women in Aviation International (WIAI).

Lieutenant Kgomotso Phatsima is currently working at setting up a new chapter affiliated with the main international body, appropriately called “Women in Aviation Botswana”. She also conducts a motivational programme called “Dare to Dream” which is aimed at encouraging the advancement of girls in aviation. This mentorship programme aims to inspire young people about aviation related careers, leadership and life skills in general. Lieutenant Kgomotso Phatsima is the latest volunteer to join NGAP! Welcome Lieutenant Kgomotso Phatsima!

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GECAS is sponsoring the next generation of aviation professionals!

GECAS TY Aviation Academy is now accepting applications from Clare and Limerick students

SHANNON – October 10, 2016 – GE Capital Aviation Services (GECAS) and Atlantic AirVenture Aviation Centre Shannon have collaborated to develop a one week intensive programme targeted at Transition Year (TY) students in local schools. GECAS TY Aviation Academy is designed to attract teenagers who have a keen interest in a career in aviation. It gives them an opportunity to get a behind-the-scenes look at the industry.

“GECAS is very serious about attracting the best and brightest to the aviation sector,” said Eleanor O’Connell, SVP Process Management & Controls GECAS. “We want to encourage millennials who are serious about a career in aviation to pursue their dreams.”

Commenting on the programme, John Ludden EVP and General Counsel of GECAS said: “GECAS is a huge supporter of education and actively assists students to develop their career in the aviation industry. This programme is designed to spark the imagination of young students who have an interest in aviation and to encourage them to pursue such interest. It should prove to be a very worthwhile initiative.”

This one week programme exposes the TY students to all aspects of the aviation world through a series of engaging talks and workshops. Students will have the opportunity to meet pilots, engineers and air traffic controllers, and to learn about



the business and financial aspects of the industry. The week also includes a trip to a live aircraft maintenance facility and a chance to fly the B737NG Simulator with a real airline pilot.

Jane Magill, MD at Atlantic AirVenture Aviation Centre, said: "We are delighted to be working with GECAS to put in place this innovative new programme. Aviation is an exciting and demanding industry; we believe it is vital that young people understand the importance of Science, Technology, Math and Engineering (STEM) subjects to every aspect of aviation. This programme will motivate and prepare students for their future choices with an excellent knowledge of the fundamentals of aviation."



GECAS will sponsor two classes of 20 students each. Initially, the programme will be open to Clare and Limerick Transition Year (TY) students. TY students are encouraged to apply directly to Atlantic AirVenture (<http://atlanticairventure.com/>) who will notify successful candidates by email.



GE Capital Aviation Services (GECAS) is a world leader in aviation leasing and financing. With over 45 years of experience, GECAS offers a wide range of aircraft types including narrow bodies, wide bodies, regional jets, turboprops, freighters and helicopters, plus multiple financing products and services, including operating leases, purchase/leasebacks, secured debt financing, capital markets, engine leasing, airframe parts management and airport/airline consulting.

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Next Generation Education and Training of Aviation Professionals Highlighted in China

The event was hosted by the China Adult Education Association (CAEA) and supported by ICAO's Next Generation of Aviation Professionals (NGAP) Programme, International Council of Aircraft Owner and Pilot Associations and European Training and Simulation Association.



The China Aviation Training Forum 2016 (CATF 2016) held on October 18th-19th, 2016, in Beijing, China, attracted over 110 experts from governments, organizations and associations, airlines, universities, etc., who shared their civil aviation training insight with the aviation community.

Solutions to meet the future needs for “Next Generation Education and Training of Aviation Professionals” were discussed during the forum. CATF 2016 hosted nearly 30 national and international speakers, who delivered state of the art keynote speeches around new innovative training methodologies and different aviation training systems from around the world. The presentations were followed by lively panel discussions. ICAO NGAP Outreach Chair, Lori Brown, provided a cutting edge keynote discussion on “Augmented Reality - The Next Generation of Aviation Training”. Other topics of discussion were: “Enhancing Exchanges and Cooperation between School and Enterprise”; “Promote the Healthy Development of Aviation Training Market”; and “How Airlines Elevate Pilots' Skills and Quality to Ensure Aviation Safety”.

In recent years, China's civil aviation training industry has faced unprecedented challenges and opportunities as one of the results of the country's “13th Five-Year Plan” and the “One Belt One Road” strategy. The Chinese aviation industry



recognizes the need to address the shortage of both technical staff and pilots in the domestic market, to enhance the diversity of industry talent input channels, and to relieve the pressure resulting from the lack of relevant expertise.

The Chinese government published recently the Guiding Opinions of Promoting the Development of Civil Aviation Industry, which emphasizes that an education in science and talent support will be crucial for future growth. (The full report can be found in Guo Ban Fa [2016] No. 38.)

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NGAP Programme Featured at RAeS Aviation Conference at the University of Limerick, Ireland

The 2016 Royal Aeronautical Society (RAeS) Conference “Contemporary Challenges in Continuing Airworthiness and Maintenance Education and Training” was held on September 7, 2016, at the University of Limerick (UL).



The event was chaired by Dr. Kyriakos I. Kourousis, faculty member of the University of Limerick, and University member of the NGAP Programme. The Conference attracted an impressive line-up of aviation experts, academics and students from Ireland, the United Kingdom, the United States, as well as other European Union states.



The event focused on issues arising from the global need for highly skilled and work-ready aircraft maintenance and airworthiness engineers, which has also been continually documented in the annual reports produced by Boeing and Airbus.



In a highly engaging presentation, Mr. Ilias Lappas, representative of the NGAP Programme and faculty member of the University of South Wales, summarized the current status and future plans of the NGAP Programme, focusing on the need for engineering professionals.

The complete conference proceedings can be accessed at the RAeS Airworthiness & Maintenance Specialist Group portal: <http://aerosociety.com/About-Us/specgroups/Airworthiness/Past-Events/2016>

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Inspiring the Next Generation of Aviators in Singapore



Secondary students and educators attended Inspiring Aviators, a series of talks organized by the Civil Aviation Authority of Singapore's Youth Outreach Initiative.

Inspiring Aviators is a series of talks organized in Singapore as part of CAAS' youth outreach initiative under which distinguished aviation professionals share their personal experiences to raise students' awareness on, and interest in, the diverse career opportunities across all aviation sectors, with the objective of developing a passion for aviation amongst youths. During last October's talk, Mr. Mervyn Gerard Fernando, Singapore's Representative to ICAO, shared his aviation experience with secondary school and polytechnic students. He discussed the responsibility of air traffic controllers in the efficiency and safety of air traffic management.



Delvin Ang, CAAS' Youth Aviation Ambassador, who attended the session and contributed to this report, shared his greatest take-away from the event, which is a quote from Mr. Fernando: *"Always believe in the impossible. Orville and Wilbur Wright, a couple of bicycle engineers would never have succeeded if they did not dare to be radical."*

“YOU CAN, TOO, DO IT!” says Captain Judy!



Space Club – A Student Development Programme



Space Club is a year-long afterschool programme led by a Science, Technology, Math and Engineering (STEM) professional and supported by science teachers and STEM volunteers. This hands-on programme centres on STEM projects related to space exploration, allowing students to develop problem-solving, critical thinking, teamwork and communication skills. The projects incorporate grade-appropriate math and science topics to connect classroom learning to real-world applications.

Past projects include model rockets and weather balloon launches. Space Club and YouthWings provide a global online aviation education environment for young learners of all ages. Visit: <http://livestream.com/YouthWINGS> or visit Captain Judy’s website at: <http://www.captainjudy.com/> for more LIVE broadcast information.

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Cubes in Space is planning a 2017 Rocket Launch to inspire students to be future scientists, engineers, explorers and educators through interactions with NASA’s people, missions research and facilities. Students between 11 and 18 can participate, as well as educators who want an exciting short-term project for STEM students.



Cubes in Space is a partnership between NASA Langley Research Center, the Colorado Space Grant Consortium, and with support from NASA’s Sounding Rocket Office and Balloon Program Office. For more information, please visit: www.cubesinspace.com.

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First Ever Aviation Quiz Programme - Sri Lanka

Colombo Aviation Quiz 2016, the country's largest and most prestigious Inter-School Quiz competition organized by SriLankan Aviation College, the training wing of SriLankan Airlines was held on 5 November 2016 in Colombo, Sri Lanka.

More than 200 school students, representing 21 schools in the Colombo district, participated in this event, with the intention of becoming the best among the best.

SriLankan Aviation College organizes and conducts large scale events to provide opportunities for the next generation of aviation professionals in the country to capture the beauty of the aviation industry, while aligning with ICAO's NGAP Programme objectives.



All the students who participated experienced an international standard quizzing competition and gathered holistic knowledge about the field.

More at: <http://www.aviationvoice.lk/colombo-aviation-quiz-caq-2016/>

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Next Generation of Aviation Professionals (NGAP) Sri Lanka

During the 53rd DGCA Asia and Pacific Region Conference that was held 1-5 August 2016 in Colombo, the DGCA Sri Lanka announced the creation of NGAP Sri Lanka. The objective of the Civil Aviation Authority of Sri Lanka (CAASL) is to ensure that enough qualified and competent aviation professionals are available to operate, manage and maintain the future air transport system in Sri Lanka.

CAASL will assist NGAP Sri Lanka in the implementation of effective strategies to attract and educate the next generation of aviation professionals. NGAPSL expects to attract experienced professionals to aviation in order to form a strong National NGAPSL Task Force with DGCA Sri Lanka Mr. H.M.C. Nimalsiri as its President, with the aim of covering a wider range of promotional activities country-wide.

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ASCA Promotes Aviation at Education Fairs



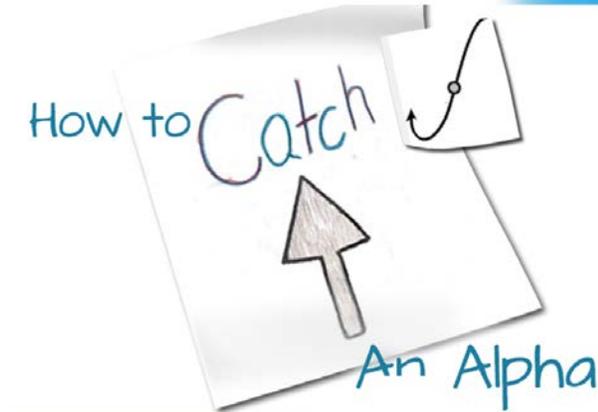
Ing. Juan Thomas Burgos, ASCA Director, speaking at the Symposium of Aviation in Dominican Republic on July 27, 2016, and ASCA showcasing its aviation and academic programmes to interested candidates during EXPOCAPACITANDO FAIR 2016 [Expo-Education Fair 2016].

Academia Superior de Ciencias Aeronáuticas (ASCA), Dominican Republic, continues its active promotion of aviation careers at local fairs. The promotion of aviation and academic programmes allows the Academy to interact with different audiences, such as students and the aviation community who are actively seeking to learn and exchange on aviation topics.

During the Symposium "Military Science, Naval and Aeronautics for Security and Defence", ASCA had the opportunity to participate in different panels, among which the "Science and Technology in Aeronautics" panel, to discuss the Academy's programmes and topics related to aviation. The exhibition included the promotion of a variety of ASCA's academic programmes. Visitors could speak directly with admission representatives and receive guidelines on application procedures and programme schedules.

ASCA's participation in these fairs is a positive way to promote aviation and stimulate interest for a career in aviation in the younger generations.

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“How to Catch an Alpha”

Presented in September at the Asia Pacific Aviation Safety Seminar (APASS) in Tokyo

Sherry Saehlenou (NGAP Outreach Working Group member) presented “How to Catch an Alpha” to cabin safety professionals at the Asia Pacific Aviation Safety Seminar (APASS), which outlined the critical need to attract the youngest generations (ALPHAs) to our industry.



The 6th edition of Aviation Voice Magazine features our NGAP Outreach Programme! Great exposure in Sri Lanka!

Check it out:

http://www.icao.int/safety/ngap/Documents/Aviation%20Voice_6th%20Issue_S.pdf



OF INTEREST

ICAO will hold the 8th NGAP Programme Meeting in Montreal on December 5-8, 2016. Outcomes of the meeting will be highlighted in the next issue of the NGAP Outreach Newsletter in 2017!

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Captain Shaesta Waiz and Dreams Soar are planning their launch in 2017! Stay tuned for details. Visit: <http://dreamssoar.org/>

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