



IN THIS EDITION

NGAP GLOBAL SUMMIT

27-28 NOVEMBER 2017

ICAO held its inaugural Next Generation of Aviation Professionals (NGAP) Global Summit in Montréal on 27 and 28 November 2017, with over 500 education and air transport leaders working together to develop strategies to help aviation attract the best and brightest to operate and manage the future air transport network.

Participants from 85 countries represented a wide cross-section of concerned professionals and decision-makers representing industry, non-governmental organizations, States and academia. Also participating were

officials from the UNESCO, and UN Women International Labour Organization, the International Telecommunication Union.

The ICAO Secretary General advocated for partnerships between ICAO, education and research institutions to study and develop solutions to global aviation challenges to support aviation planning and development.

Among [the concrete solutions proposed during the event](#) was the need to establish a network

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NGAP GLOBAL SUMMIT (CONT.)

27-28 NOVEMBER 2017

of educational institutions to support related youth attraction initiatives and related research and analysis on sector-wide human resources development metrics. Participants also underlined the need to enhance ICAO's leading role with respect to educational and training programmes focused on the needs of next generation aviation professionals.

The Summit also provided a venue for States and industry stakeholders to exchange knowledge, ideas, best practices and experiences regarding NGAP related strategies and activities. It was agreed that best practices that focus on meeting the needs and values of the next generation of aviation professionals need to be further promoted.



NGAP Global Summit 2017



SPEED MENTORING WITH AVIATION EXPERTS

Speed Mentoring was another student focused activity that was organized concurrently to the ICAO NGAP Global Summit and provided a venue for the next generation of aviation professionals to meet and learn from experienced mentors from various fields of expertise. The aim of the speed mentoring activity was to briefly introduce students and young professionals to the diverse career options available in the

aviation sector by hearing directly from aviation professionals about their career paths and their experience in the aviation sector.

Students and young professionals met individually with aviation professionals for a period varied between 20 to 45 minutes. The total number of mentoring sessions was 138 sessions!



INAUGURAL MODEL ICAO FORUM BOOSTS STUDENTS' AVIATION AWARENESS

Held concurrently to the ICAO Next Generation of Aviation Professionals (NGAP) Global Summit, the Inaugural Model ICAO Forum case study competition was held. Fifty-three students, representing nineteen universities participated in the Forum. They studied global aviation's challenges, and through

the competition, proposed solutions to a panel of industry experts on unmanned aircraft systems, dangerous cargo, the socio-economic benefits of air transport, and capacity building and aviation security.

Four teams were adjudged winners after the first phase of

the case study competition. They went on to compete against each other in the second phase. The overall winning team was then presented with awards at the closing session of the NGAP Global Summit.

UNESCO'S THINK PINK HARD HAT WORKSHOP

A new strategic partnership with UNESCO also resulted from the NGAP Global Summit, enabling the two United Nations agencies to explore educational opportunities across a wider range of aviation professions, and to develop stronger links with the related United Nations sustainable development goals (SDGs).

ICAO and UNESCO organized a Think Pink Hard Hat Workshop during the NGAP Global Summit for more than 60 elementary and high school girls. These unique workshops are conducted

globally and aim to encourage more young women to consider STEM careers, especially those which are engineering related. The intention is also to clarify any preconceptions young girls may have towards these careers, for instance images of men in hard hats.

Also in attendance with Dr. Liu was Shaesta Waiz, the 'Dreams Soar' pilot who completed a solo round the world flight for STEM with ICAO's support in 2017, and UNESCO's Ms. Marie Paule Roudil. The Secretary General's opening remarks were



then followed by an interactive lecture by Ms Rovani Sigamoney, Programme Specialist, Section for Innovation and Capacity Building in Science and Engineering, UNESCO.

ACI WORLD HOSTS MODERN COLLEGE OF BUSINESS AND SCIENCE AVIATION STUDENTS

AT 2017 ACI AIRPORT EXCHANGE CONFERENCE



In conjunction with the 2017 Airport Exchange conference hosted by the Oman Airports Management Company (OAMC) in Muscat, Oman, Airports Council International – World hosted on December 7, 2017, a luncheon with airport and aviation management students from the Modern College of Business and Science (MCBS). As an integral part of the conference, Nina Brooks, ACI World Head of Security and Nicholas Ratledge, ACI World Manager of Security from ACI World’s Headquarters in Montréal, Canada, spoke with students about the pressing need for new aviation professionals, including those in airport management, to encourage the continued long-term growth of the civil aviation sector. They gave advice to the students in attendance at the luncheon on their academic studies and on how to enter and progress in their career pursuits.

The Modern College of Business and Science (MCBS) in Muscat, Oman, the first fully private institution of higher education in Oman, established in 1996, is known for both a highly diverse faculty and student body. It is also home to the only higher education institution in Oman offering an undergraduate degree in both airport management and aviation management, as well as IATA-certified training programmes. Accredited by the Accreditation Service for International Colleges (ASIC) and affiliated with the University of Missouri, St. Louis, over 400 students are currently enrolled in both programmes, with graduates being employed by Oman aviation-related entities, including OAMC.

Dr. K.L. (Dan) Wong, Deputy Head of Department, overseeing the transport and logistics programmes at MCBS,

applauded the efforts of ACI World and other aviation related organizations worldwide to foster the growth of the next generation of aviation professionals. He noted that while North America and Europe receive the greatest attention when it comes to issues and programmes related to the recruitment of future aviation professionals, the needs are particularly pressing in areas such as the Middle East for locally educated and trained airport and aviation professionals, given the rapid growth of both airports and civil aviation activities that are essential to support the region’s current and future economic development.

PREPARING THE NEXT GENERATION OF AVIATION PROFESSIONALS

TECHNICAL (NGAP-T)

As a licensed aircraft maintenance engineer (LAME), I have observed the increasing importance of possessing the right basic values to become a competent technical professional. As an approved assessor by my Civil Aviation Authority, I have been assessing many young applicants who want to join the aviation technical (maintenance and engineering) industry. Integrity is a key value that schools, training institutes and universities need to instill in the new generations.

A high level of integrity should be imbedded in the curriculum and co-curriculum of the education/training provider from the early stages. Integrity is particularly important for personnel performing the duties of technicians before being certified. Each inspection, repair, overhaul, trouble shooting, servicing, component replacements, functional and operational checks performed on an aircraft requires a strong sense of responsibility

as it involves the safety of passengers and its crews. Integrity is critical to the ensuring a qualified and efficient NGAP-T.

Note: Ricky Liew CL is a licensed aircraft maintenance engineer, currently the Head of Engineering of an approved maintenance, repair and overhaul (MRO) facility in Malaysia. With 29 years of experience in the MRO industry, he is actively engaged in developing the younger generations through the Malaysian Youth Aviation Club (Kelab Remaja Udara Malaysia – KRUM). He regularly conducts talks to motivate the younger generation to join aviation industry with strong emphasis on integrity.



Malaysian Youth Aviation Club
Kelab Remaja Udara Malaysia
(KRUM)



NEXT GENERATION OF AVIATION PROFESSIONALS

SRI LANKA (NGAP) PROGRAMME

The active participation of the members of the public is necessary to the successful launch of any development programme. This is why in 2008, the Civil Aviation Authority of Sri Lanka, together with voluntary groups, launched several programmes to create public awareness to

the enormous potential of civil aviation in the socio economic development programmes of the country. The activities around these programmes included the maintenance of a separated website, the launch of a quarterly magazine “Guwansara”, and the establishment of Aviation Societies (clubs) in government schools.

It also included conducting a model aircraft show, kite festivals, etc. All these activities created enthusiasm, especially in the minds of school children, who in turn, influenced their parents.

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NEXT GENERATION OF AVIATION PROFESSIONALS (CONT.)

(NGAP) SRI LANKA PROGRAMME

With the Awareness Creation Programme getting more momentum, and in an effort to better coordinate the training needs and opportunities, the Civil Aviation Authority of Sri Lanka felt the need to bring under one umbrella all organizations engaged in aviation education and training. This resulted in the official inauguration of the NGAP Sri Lanka Programme on the 1 August 2016, with the participation of the Hon. Minister of Transport & Civil Aviation of Sri Lanka, the President of the ICAO Council, the Secretary General of ICAO and the Regional Director for ICAO Asia and Pacific Regions, at the 53rd Conference of Directors General of Civil Aviation Asia and Pacific Regions.

In accordance with the requirements of the 39th Triennial ICAO Assembly, the Sri Lankan Government incorporated the ICAO NGAP Programme to



Develop Human Resource function within the National Civil Aviation Policy of Sri Lanka.

A National Committee was recently set up to communicate and assist industry stakeholders in identifying their long-term human resource needs and in establishing strategies to attract, educate, train and retain aviation professionals. The National Committee will also assist industry by providing

guidance and tools for engaging the next generation and promoting aviation, as a viable career, amongst youths.

The main target of the NGAP Sri Lanka Programme is to produce academically and professionally qualified personnel to strengthen the local civil aviation sector and to reach out to regional and global levels in the future.

CUBE IN SPACE 2018

OPPORTUNITY FOR STUDENTS, AGES 11-18, TO LAUNCH EXPERIMENTS INTO SPACE!

doodledu inc, in partnership with NASA Goddard Space Flight Center's Wallops Flight Facility, the Colorado Space Grant Consortium, and Langley Research Center is offering Cubes in Space™, a programme providing students 11-18 years of age an opportunity to design and compete to launch an experiment into space at no cost!

This Science, Technology, Engineering, Arts and Mathematics (STEAM) based global education

programme enables students to learn about space exploration utilizing innovative problem-solving, inquiry-based learning methods. By participating in this programme, students and educators are provided with engaging content and activities in preparation for the design and development of an experiment to be integrated into a small cube.

This year, experiments will be launched into space via sounding rocket from NASA Wallops Flight

Facility on Wallops Island, Virginia in late June 2018, or on a high altitude balloon launched from the NASA Columbia Scientific Balloon Facility in Fort Sumner, New Mexico, in late summer 2018.

For more information, visit www.cubesinspace.com. Questions about this programme may be directed to info@cubesinspace.com.

QANTASLINK PARTNERS WITH UNIVERSITIES

ON THE NEXT GENERATION OF PILOTS

QantasLink announced last December a new pilot recruitment programme, the “Qantas Future Pilot Program”, which has been designed in collaboration with five universities across Queensland, New South Wales and Victoria, and is open to aviation students at UNSW, Griffith University, University of Southern Queensland, Swinburne University of Technology and RMIT University.

Throughout their studies, students will have the opportunity to be mentored by experienced QantasLink pilots and, if successful through the selection process, will transition to a job at QantasLink straight after graduation.

Based on current university intakes, the programme will be open to a potential pool of 300 students each year. QantasLink Chief Executive Officer, John Gissing, said the Qantas Future Pilot Program is about building the next generation of exceptional pilots from within Australia’s top aviation schools and in return providing students with benefits and placement certainty.

“Together with these leading universities, this programme will arm high-performing motivated students with the skills needed to transition into an airline and provide them with a platform from which to launch their career as a pilot within the Qantas Group,” said Mr. Gissing.



The programme follows the airline’s recent launch of its Nancy-Bird Walton Initiative, which will see the Qantas Group commit to a 20 per cent intake of women in its 2018 pilot recruitment programmes, with the vision for that number to double over the next decade. By targeting STEM at schools, universities and flying schools, the airline will support more girls and women on a path to a career as a pilot within the Qantas Group.

The Qantas Future Pilot Program was launched in January 2018, and is open to all future and current aviation students at all stages of their degree. Applications are now open and students can visit qantas.com/careers or their University’s faculty website for more information.

ABOUT QANTASLINK

As Australia’s largest regional airline, QantasLink currently employs more than 380 pilots and operates a network of 56 metropolitan and regional destinations across Australia.

5 WAYS TO PREPARE FOR YOUR AIRLINE INTERVIEW

Air Georgian has a pilot career pathway programme called SOAR - Sharing Opportunities for Advancement & Reward, which provides opportunities for low-time pilots. They have the following tips for preparing for your first airline interview:

1. Be professional

Airline pilots are held to a high standard of professionalism in presentation and manner. You should carry yourself with confidence: smile, give firm handshakes and make eye contact with interviewers.

2. Be prepared

Double-check that you have prepared photocopies of all requested documents. Make sure that they're easily readable and up to date. Your licence should be signed, your medical current and your logbook should be certified.

3. Reflect on your experiences

Prepare stories ahead of time and practice telling them to a friend or family member. Think of an example of a conflict or teamwork stories from flying, work or school, so that you are prepared to answer questions with specific examples.

4. Dress for success

A pilot's uniform reflects on his professionalism. At the minimum, you should dress business casual, this means: slacks not jeans, dress shoes not sneakers, dress shirt and tie. If you have a current pilot uniform this is also acceptable.

5. Be yourself

Be honest and let your interviewer get to know the real you. An interview is a two-way street, being yourself gives both parties the chance to see if the candidate and the position are a good fit.

To learn more about SOAR visit airgeorgian.ca/soar.

YAAPA AVIATION OUTREACH GOES ABOVE AND BEYOND IN 2018

TO SUPPORT THE UN SUSTAINABLE DEVELOPMENT GOALS (SDGS) IN LOCAL COMMUNITIES

Inspiring the next generation of African aviation professionals has been the focus of the Young African Aviation Professional Association (YAAPA) over the past several years, and in particular, they are working to support three of the United Nation's Sustainable Development Goals: 1 (no poverty), 4 (quality education) and 5 (gender equality).

When talking to youth about aviation in the far north region of Cameroon, representatives from YAAPA learned that the students lacked a proper classroom. With projects to establish YAAPA Community Centers in some

rural areas, it was decided to empower the youth to rebuild their classroom from local materials. This has been an adventure, as the building is almost done and the kids themselves surprised the volunteers onsite.

Additionally, about 2000 youths attended the 52nd Youth Week celebration in Cameroon from 1 to 10 February 2018 where YAAPA was represented and had a booth. The Founder of YAPPA met with the Minister of Youth Affairs and Civic Education HE Mounouna Foutsou and made him an honorary member of YAAPA.



The second edition of the Youth Aviation Forum for Africa (YAFA) scheduled last year in Kigali was postponed to 2018, however new dates will be shared soon.