



# ICAO STATES TODAY

AND TOMORROW



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Published by FCM Communications Inc. in conjunction with the International Civil Aviation Organization

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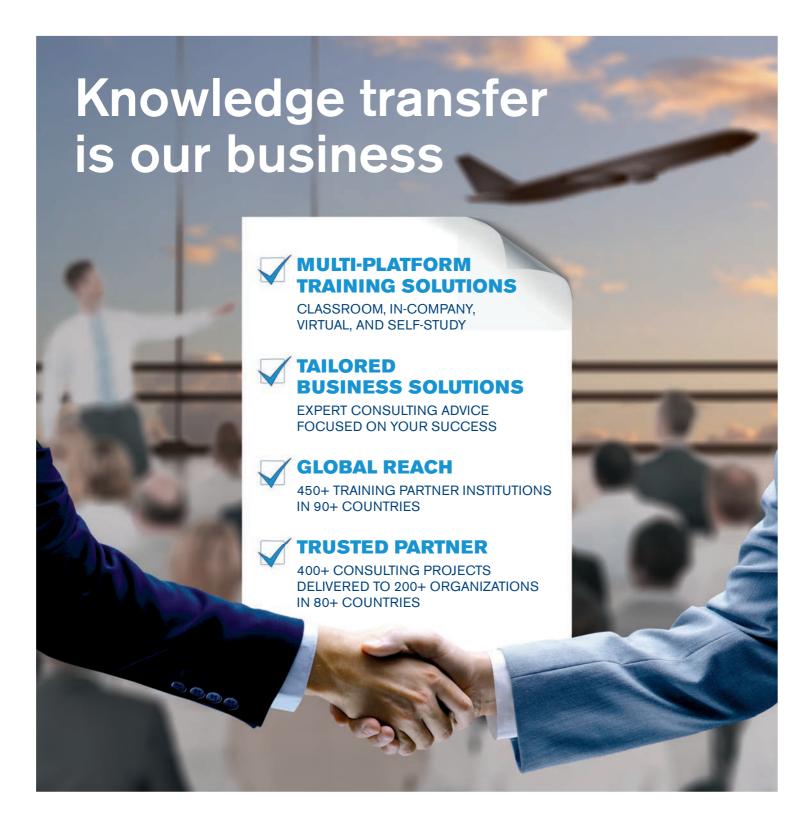
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# ICAO STATES TODAY AND TOMORROW

- 4 Message from the President of the ICAO Council
- 5 Message from the ICAO Secretary General
- 7 Message from the Minister of Transport of Canada
- 8 Message from the Premier of Québec
- 9 Message from the Mayor of Montréal
- 10 Message from the Publisher
- 10 Message from the Editor
- 12 Preparing for a Challenging and Exciting Future
- 14 ICAO Headquarters
- 15 As Every State Participates Every State Benefits
- 24 ICAO Flight Information Regions Map
- 25 Air Traffic Flow Chart Map
- 26 Rotation Groups of ICAO Member States
- 27 Edward Warner Award

- 33 Montréal International Civil Aviation Week
- 34 Montréal-Trudeau : An exceptional gateway to a global aviation capital
- 36 Canada's Aviation Hall of Fame
- 39 Tourism for All
- 41 Member States of ICAO by alphabetical order and page number
- 42 East and South Africa
- 76 West and Central Africa
- 130 Asia/Pacific
- 178 Europe and North Atlantic
- 242 Middle East
- 260 North America, Central America and Caribbean
- 284 South America
- 303 Index of Advertisements

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Message from the President of the ICAO Council

# Dr Olumuyiwa Benard Aliu



As suggested by its title, ICAO States Today and Tomorrow focuses our attention on the status of civil aviation in each of the Organization's 191 Member States, and offers a unique glimpse into what each is doing to prepare for the future in terms of improving and expanding its civil aviation activities.

It suggests that high-level political decision-makers should, and must, consider the extraordinary socio-economic impact of air transport on the well-being of their respective countries and citizens.

As we know, aviation connects States to regional and global markets, which in turn enhances travel, tourism and trade. It helps create and maintain good-paying jobs that, in many instances, help to eradicate poverty and suffering. It is the most efficient means to deliver humanitarian aid. For landlocked and small island developing States especially, it represents a veritable lifeline, an essential aerial bridge to the rest of the world.

The title of the book also impresses on us the ongoing requirement to ensure the safety and the efficiency of national and international air transport systems, through the implementation of ICAO Standards and Recommended Practices (SARPs), so as to keep benefitting from these advantages.

And yet, despite its undeniable enormous economic significance and the need to maintain its operational integrity, the aviation sector does not always receive the financial and political support it requires.

As we read through the pages that follow, we see models of States including and elevating the priority of the aviation sector into their national development plans, in order to foster the sustainable growth of their industry.

We see cases of States benefitting from agreements with international donor institutions and business communities, to fuel their infrastructure projects and capacity building.

We see examples, many of them, of States committed to implementing ICAO SARPs, policies and procedures, in line with the Organization's Universal Safety Oversight Audit Programme, the Universal Security Audit Programme, and other evaluation mechanisms.

#### **WE NEED MORE**

This means the firm commitment of international organizations and financial institutions to partnering and financing for sustainable aviation growth and viability.

It means better coordination among donors and partners to improve efficiency and consistency for investing in aviation projects.

And it means providing the resources required to accelerate the implementation of international aviation standards and policies, as well as plans and programmes, in support of ICAO's 'No Country Left Behind' initiative.

In this way, we can work more effectively together and with all stakeholders in shaping a safe, secure, efficient, economically viable and environmentally sound air transport system, one that supports sustainable development and socio-economic prosperity for a brighter tomorrow.



Message from the Secretary General

# **Dr Fang Liu**



ICAO is committed to ensuring our approach to the sustainable development of aviation is truly global in all senses of the word.

We are determined to be as efficient and effective as possible in responding to the constantly evolving needs of Member States, to build on our traditional and well-respected role as the forum for international civil aviation, and to ensure every State has the resources and capacities to effectively implement ICAO's Standards and Recommended Practices (SARPs) and policies, which is a prerequisite to realize ICAO's mission for a safe, secure and efficient air transport system.

Effective SARPs implementation is also the foundation to ensure the development and expansion of a global aviation system. And with the efficient global connectivity, aviation contributes significantly to the sustainable socio-economic development and prosperity which is now being sought by all United Nations Member States, notably under the visionary Agenda 2030 and its Sustainable Development Goals.

We have been advocating for partnership and cooperation for the realization of these aspirations. Indeed, ICAO has a rich history of partnership with States and of achieving extraordinary and tangible progress. This tradition was greatly enhanced by the recent launch of our 'No Country Left Behind' initiative, which brings together a great variety of stakeholders to ensure that the international air connectivity needs of every State can be properly identified and financed.

One of the main objectives of the first ever ICAO World Aviation Forum in 2015 was also to foster partnerships with a view to accelerating the implementation of ICAO SARPs and to secure sufficient resources for the growth of the aviation sector. The Forum, which has become an annual event, is just one example of innovative measures that ICAO took to overcome limitations and achieve our common goals.

Sustainable aviation and the socio-economic development it drives are key to all national economies, but they are most especially crucial for least developed (LDCs), landlocked (LLDCs) and small island States (SIDs). Indeed, it represents nothing less than an essential lifeline for these countries and their economies. International air connectivity can therefore be a vehicle for sustainable development in addition to being itself sustainable.

Going forward, ICAO will continue to raise awareness amongst high-level officials of Member States concerning aviation's contributions to sustainable development, and the benefits of mobilizing resources for, and investing in, air transport. A key goal is to see civil aviation master plans linked to national development plans and other State efforts in support of attaining the UN Agenda 2030 SDGs. While ensuring that no country is left behind, ICAO will continue assisting States to enhance their sound and sustainable development of air transport.

Airbu

Airbus people around the globe are united by a passion for aviation, as well as their desire to create better, more efficient ways for airlines and passengers to fly. Global diversity is key at Airbus, highlighted by a multi-cultural workforce of more than 55,000 people with over 100 nationalities from every region of the world, beyond our strong foundations in Europe.

Airbus has shown a long term commitment to support global civil aviation governance, with ICAO as its corner-stone, working together with our partners across the aviation industry, and with respective governmental agencies. This commitment to the work of ICAO can been seen every day through the number of Airbus engineers and employees contributing to numerous committees, panels and working groups. To further deepen this engagement Airbus today has a permanent representative in Montreal.

Around 500 million passengers fly in Airbus aircraft each year. They trust the airlines to get them safely to their destinations. In turn the airlines and other operators trust Airbus. The Airbus name means reliability, quality, and performance. But above all it

means safety, the first priority for Airbus. At every point in the design, manufacturing and assembly process Airbus ensures its work meets international certification standards, working with safety organizations around the world to find new ways to improve safety and safety standards.

Environmental impact is a major consideration at Airbus, factoring into decisions made at the highest levels down to day-to-day operations at its production, customer support and other facilities located around the world. Airbus' long list of environment-related achievements has been driven by innovation and collaboration across the industry, from the fly-by-wire concept to the new-generation A350 XWB jetliner.

Every year, Airbus Group invests some €3.5 billion (\$3.8bn) in research and development, the vast majority of which will provide significant improvements in the environmental performance of our aircraft.

The Airbus Sustainable Aviation Engagement Programme brings together company-wide expertise to offer a consolidated view of the products and services that Airbus can provide toward sustainable aviation. The programme is looking at how the environmental performance of Airbus' latest-generation aircraft can be optimised to reduce fuel burn and noise in aircraft operations as well as providing customers with environmentally responsible solutions for the dismantling and recycling of aircraft retired from operations.

Airbus is committed to meeting the environmental standards set by ICAO for noise and emissions and the CO2 and PM standards to be agreed in 2016 and pays tribute to the pioneering efforts of those at ICAO, who together with our State's aviation regulatory bodies and the aviation industry, have provided long lasting world-wide safe air transport.



# Canada



The Honourable/l'Honorable
Marc Garneau
Minister of Transport
Ministre des Transports

#### Message from the

## **Gouvernment of Canada**

As the Host state of the Organization since its creation, Canada is proud of its relationship with the International Civil Aviation Organization (ICAO), as a Council member, an active member state in the many panels and committees,.

Together with our partners, the Province of Québec and the City of Montréal, Canada facilitates the work of the representatives and delegates to the Organization and is pleased that ICAO has chosen Montréal as its natural home for almost 70 years.

As the Metropolis of civil aviation, the Montréal metropolitan area is home to many aviation associations and organizations. The city has a world-class aeronautics industry that includes dynamic builders, manufacturers, subcontractors and suppliers as well as academic institutions. The city is also home to the Montréal-Pierre Elliott Trudeau International Airport, which is celebrating its 75<sup>th</sup> anniversary - a year during which it reached a significant milestone—processing more than 15 million passengers.

ICAO supports the connection of communities through civil aviation, the opening of new markets and supports economic growth, and this is why Canada will continue to support the organization in its objectives and goals. We will be on the forefront to do our part, whenever the occasion presents itself to assist ICAO and its member states in finding solutions to emerging challenges.

Canada and its partners, like ICAO, have as a common objective to maintain safe, secure and environmentally respectful transportation networks. We look forward to fostering the partnership with ICAO in the years to come.

#### Message du

# Gouvernement du Canada

À titre d'État Hôte de l'OACI depuis sa création, le Canada est fier de sa relation avec l'Organisation de l'aviation civile internationale (OACI), tant à titre de membre du conseil et d'état membre actif au sein des divers comités.

De concert avec nos partenaires de la province de Québec et de la Ville de Montréal, le Canada facilite le travail des représentants et des délégués de cette organisation et est heureux que l'OACI ait choisi Montréal comme port d'attache depuis maintenant presque 70 ans.

En tant que métropole de l'aviation civile internationale, la région métropolitaine de Montréal accueille un ensemble d'organismes et d'associations du secteur de l'aviation. La ville est dotée d'une industrie aéronautique dynamique composée de constructeurs et de fabricants, de sous-traitants et de fournisseurs, en plus d'établissements académiques de calibre mondial. La ville profite aussi de la présence de l'Aéroport international Pierre-Elliott-Trudeau, qui célèbre cette année son 75 ième anniversaire, une année charnière, car l'aéroport a accueilli plus de 15 millions de passagers.

L'OACI permet à l'aviation internationale de relier les collectivités, d'ouvrir de nouveaux marchés et de favoriser la croissance économique, et c'est pourquoi le Canada continuera de supporter l'organisation dans tous ces objectifs. Chaque fois que l'occasion se présentera, nous serons heureux de faire notre part pour aider l'organisation et ses États membres à élaborer des solutions aux situations émergentes.

Le Canada et ses partenaires, dont l'OACI, ont comme objectif de garder nos réseaux de transports sécuritaires, sûrs, efficaces et respectueux de l'environnement. Nous nous réjouissons à l'idée de maintenir ce partenariat avec l'OACI dans les années à venir.

#### Message du

# Gouvernement du Québec

Depuis plus de 70 ans, l'Organisation de l'aviation civile internationale (OACI) est le catalyseur de la coopération entre les États membres et les parties prenantes pour faire en sorte que l'aviation civile demeure sûre et efficace et que le transport aérien puisse contribuer au développement de l'économie mondiale.

Elle évolue et se développe en symbiose avec ce qui est devenu son foyer naturel : la ville de Montréal. Le Gouvernement du Québec est honoré d'accueillir le siège de l'OACI, la plus grande et la plus prestigieuse des quelque soixante organisations internationales présentes sur son territoire.

La présence de l'OACI à Montréal contribue à positionner notre métropole en tant que capitale mondiale de l'aviation civile. Plusieurs autres grandes organisations et entreprises de ce secteur de pointe y sont d'ailleurs installées. Avec près de 200 entreprises, plus de 40 000 travailleurs à haute valeur ajoutée et des centres de recherche de calibre mondial, la grappe montréalaise de l'aérospatiale est dynamique, moderne et constitue un fleuron de l'économie québécoise.

Le 21e siècle amène son lot de défis à relever, notamment sur le plan environnemental. Le Gouvernement du Québec salue l'engagement soutenu de l'OACI en matière de protection de l'environnement, que nous partageons entièrement. En priorisant certains enjeux, dont l'amélioration de la qualité de l'air, la réduction du bruit généré par les aéronefs et la réduction des émissions de gaz à effet de serre, l'OACI permet, par des actions concrètes, de réduire l'empreinte environnementale du transport aérien. L'industrie aérospatiale québécoise s'est également très bien adaptée aux enjeux liés à la protection de l'environnement et à la lutte contre les changements climatiques, et nous en sommes très fiers.

En terminant, nous nous devons de remercier l'OACI, qui commémore dans cette édition le 75e anniversaire de l'aéroport Montréal-Trudeau. Nous en profitons pour souligner les efforts considérables que consacre Aéroports de Montréal à l'amélioration de son offre de liaisons aériennes tout en bonifiant l'expérience des passagers en partance ou à destination de Montréal. Voilà les conditions gagnantes pour favoriser la compétitivité et le rayonnement du Québec sur le plan mondial.



Philippe Couillard
Premier ministre / Premier

#### Message from the

# Government of Québec

For more than 70 years, the International Civil Aviation Organization (ICAO) has acted as a catalyst for cooperation between the member States and stakeholders to ensure that civil aviation is safe and efficient and that air transport contributes to the development of the global economy.

The organization is changing and developing in symbiosis with Montréal, its long-standing home. The Québec government is honoured to host ICAO's headquarters, the largest and most prestigious of the 60 international organizations present in the city.

The presence of ICAO in Montréal helps position our city as the world capital of civil aviation. As such, several other major organizations and businesses in this leading sector are also found here. With nearly 200 firms, more than 40,000 high value-added workers and world-class research centres, Montréal's aerospace cluster is dynamic, modern and a linchpin in the Québec economy.

The 21st century brings its share of challenges, in particular from an environmental standpoint. The Québec government wishes to pay tribute to ICAO's sustained commitment to environmental protection, which we fully share. By prioritizing certain challenges, including improved air quality, aircraft noise abatement and greenhouse gas emission reduction, ICAO is reducing air transport's environmental footprint through concrete action. The Québec aerospace industry has also adapted readily to the challenges stemming from environmental protection and climate change, and we are indeed proud of it.

To conclude, we wish to thank ICAO for commemorating in this edition the 75<sup>th</sup> anniversary of Montréal-Trudeau Airport. We take this opportunity to emphasize the considerable effort that Aéroports de Montréal is making to broaden the air connections that it offers and to enhance the experience of inbound and outbound passengers. These are winning conditions to foster competitiveness and raise Québec's profile the world over.





# Montréal #



L'Honorable/The Honourable

Denis Coderre

Maire de Montréal/Mayor of Montréal

#### Message de la

# Ville de Montréal

La Ville de Montréal est fière de s'associer à l'Organisation de l'aviation civile internationale (OACI) à l'occasion de la tenue de l'Assemblée de cet organisme.

Si l'OACI est née à Chicago en 1944, on peut dire qu'elle a grandi à Montréal où elle s'est établie trois ans plus tard. La grande région de Montréal est un chef de file de l'industrie aérospatiale. Au cours des années, notre réputation dans cette industrie s'est bien établie et aujourd'hui, elle dépasse largement nos frontières. Montréal est devenue une plaque tournante aérienne importante et une capitale de l'aviation civile internationale.

À l'occasion du 75<sup>e</sup> anniversaire de l'aéroport Montréal-Trudeau cette année, j'offre mes plus sincères félicitations à tous ceux qui contribuent au succès du principal aéroport de la métropole. L'activité croissante de celui-ci illustre le dynamisme de Montréal, siège de nombreuses organisations internationales et carrefour d'échanges entre tous les continents.

À l'aube du 375<sup>e</sup> anniversaire de Montréal et du 150<sup>e</sup> anniversaire du Canada, je profite de l'occasion pour inviter tous les participants à l'Assemblée de l'OACI à revenir à Montréal en 2017 pour célébrer avec nous.

#### Message from the

# City of Montréal

Montréal is pleased to be associated with the International Civil Aviation Organization (ICAO) as it holds its Assembly meeting.

The International Civil Aviation Organization was created in Chicago in 1944 and three years later established itself in Montréal. The Greater Montreal area is a leader in the field of aerospace and enjoys a fine reputation here and abroad. Montréal is a major air transport hub and a capital of international civil aviation.

The Montréal-Trudeau Airport celebrates its  $75^{th}$  anniversary this year and I would like to congratulate all those who contribute to the success of our city's main airport. The increased activity of the airport reflects the dynamism of Montréal, which is home to several international organizations and a focal point for exchange between continents.

As we are about to celebrate Montréal's  $375^{th}$  anniversary and the  $150^{th}$  anniversary of Canada, I would like to invite all the participants attending the ICAO Assembly meeting to return to our beautiful city in 2017 and be part of the celebrations.

# FCM Communications is proud to have been invited to launch ICAO STATES TODAY and Tomorrow at the Organization's 39th Session of the Assembly. Our hope is that this publication will build on the initial ICAO STATES TODAY... 70 years after Chicago

Our hope is that this publication will build on the initial ICAO STATES TODAY... 70 years after Chicago as a timely and useful reference document for anyone interested in the evolution and impact of air transport in each of the ICAO Member States and around the world.

The production of ICAO STATES TODAY and Tomorrow is a massive undertaking and would not have been possible without the cooperation of Member States themselves. We are also extremely grateful to the Regional Offices of ICAO for their on-going support in contacting State officials and coordinating the gathering of information. And finally, we very much appreciate the confidence and collaboration of the ICAO Headquarters team in our ability to produce a document that mirrors the status and spirit of the Organization.

When we created the ICAO STATES TODAY concept for the 70<sup>th</sup> anniversary of the Organization in 2014, we were convinced of the value of providing Member States and the world aviation community with a unique product that would reflect the value and contribution of the Organization in promoting the safety, security and sustainability of the global air transport system.

We look forward to cooperating in the future on similar projects designed to respond to the evolving communications and promotional requirements of Member States and air transport industries worldwide.



**Yves Allard,** Publisher

# Message from the Editor

In the initial edition of ICAO STATES TODAY, dedicated to the 70<sup>th</sup> anniversary of the Organization, we celebrated the remarkable collective success of nations and industry in establishing and subsequently enhancing a safe, secure and efficient global air transport system.

In this second edition, we look to the future. We open with inspiring words from the President of the Council and the Secretary General as they outline the myriad opportunities and challenges brought about by the sustained and exponential growth of air transport around the world. We follow up with a passenger and cargo traffic forecast to the year 2030.

Against this backdrop, we then look at how ICAO carries out its mandate to "insure the safe and orderly growth of international civil aviation throughout the world", so that its 191 Member States and their aviation partners can take full advantage of the enormous economic, social and cultural benefits generated by air transport. The first part of the book also includes a tribute to men and women who paved the way for all of us in taking aviation to new heights.

The second part of the publication is devoted entirely to the strategies of Member States in "Preparing for Tomorrow". For some, it means highlighting their aspirations and achievements in more detail through MORE ABOUT sections. For all, it illustrates their commitment to working together for a better world.

It truly has been an honour and a privilege to collaborate in the production of such a unique global compilation of human ingenuity and determination!



**Denis Chagnon,** Editor



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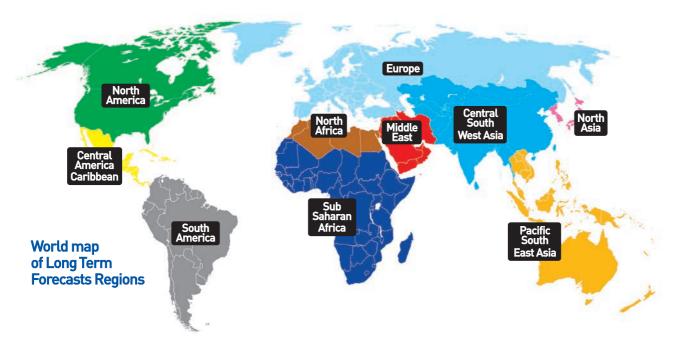
When it comes to raising aviation standards, CAAi and the UK CAA International Directorate provides the expert advice and support to enable robust regulatory frameworks to help safeguard passengers flying around the world.

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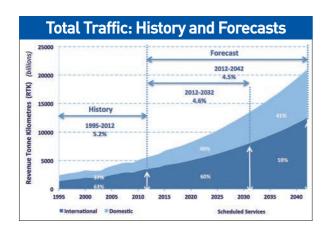
# Preparing for a Challenging and Exciting Future!



In 2013, ICAO published its first-ever Global Air Transport Outlook to 2030. The goal was to provide industry planners, policy makers and regulators with the most comprehensive, up-to-date, relevant and reliable data upon which to base their analyses, decisions and actions.

Building on the success of the original forecast, a revised and revamped "Outlook" was prepared for distribution concurrent with the 39th Session of the ICAO Assembly. It should prove equally useful in understanding and benefiting from the trends and challenges that lie ahead, as the sector continues to expand to meet the growing needs of the world community.

We reproduce below and on the following page a few highlights from the new "Outlook". The document can be obtained from the ICAO on-line store at **www.icao.int.** 



# Summary of Total Cargo Traffic Forecasts by Region of Airline Registration

Cargo traffic results in terms of Freight Tonne-Kilometres (FTK)  $\,$ 

REGION			CAGR*		
	Flight Stage	2012-2022	2012-2032	2012-2042	
Europe	Total	2.9%	2.6%	2.4%	
	International	2.9%	2.6%	2.4%	
	Domestic	0.2%	0.8%	1.0%	
Africa	Total	1.6%	2.1%	2.2%	
	International	1.6%	2.1%	2.2%	
	Domestic	0.3%	0.1%	0.1%	
Middle East	Total	6.6%	7.1%	6.9%	
	International	6.6%	7.1%	6.9%	
	Domestic	1.4%	0.7%	0.5%	
Asia and Pacific	Total	5.7%	5.1%	4.7%	
	International	5.2%	4.7%	4.3%	
	Domestic	8.7%	7.8%	7.0%	
North America	Total	2.7%	2.5%	2.6%	
	International	3.7%	3.5%	3.4%	
	Domestic	0.8%	0.7%	0.6%	
Latin America	Total	3.1%	2.9%	2.8%	
and the Caribbean	International	3.4%	3.1%	3.0%	
	Domestic	2.0%	1.7%	1.6%	
WORLD	Total scheduled	4.4%	4.3%	4.2%	
	International	4.5%	4.4%	4.2%	
	Domestic	3.9%	4.0%	4.0%	

\*CAGR: Compound Annual Growth Rate

### Summary of Passenger Traffic Forecasts by Route Group

Passenger traffic results in terms of Revenue Passenger-Kilometres (RPK)

REGION / REGION-PAIR	CAGR*		
	<b>10 Year</b> (2012-2022)	<b>20 Year</b> (2012-2032)	<b>30 Year</b> (2012-2042
Africa Domestic	4.6%	4.5%	4.3%
Africa & Middle East - Central America/Caribbean	4.5%	4.4%	4.3%
Africa & Middle East - South America	3.1%	3.8%	4.2%
Africa - Asia/Pacific	6.6%	6.1%	5.8%
Africa - Middle East	4.5%	4.9%	4.7%
Africa - North America	3.3%	3.1%	3.1%
Central America/Caribbean Domestic	4.0%	4.2%	4.2%
Central America/Caribbean - Europe	3.1%	3.2%	2.9%
Central America / Caribbean - North America	4.2%	4.0%	3.7%
Central America/Caribbean - South America	2.8%	3.8%	4.0%
Central South West Asia - North Asia	9.1%	8.4%	7.7%
Central South West Asia - Pacific South East Asia	8.9%	7.9%	7.4%
Central South West Asia Domestic	10.3%	8.8%	7.6%
Central South West Asia - Europe	5.5%	5.2%	4.7%
Central South West Asia - Middle East	8.2%	8.6%	8.2%
Central South West Asia - North America	7.3%	6.3%	5.5%
Europe Domestic	2.5%	2.5%	2.5%
Europe - Middle East	3.4%	3.1%	2.9%
Europe - North Africa	3.4%	3.1%	3.3%
Europe - North America			
	2.9%	2.8%	2.7%
Europe - North Asia	2.3%	2.3%	2.2%
Europe - Pacific South East Asia	3.6%	3.8%	3.6%
Europe - South America	2.8%	3.0%	2.9%
Europe - Sub Saharan Africa	2.0%	2.1%	2.0%
Intra Africa	4.5%	4.5%	4.3%
Intra Central America/Caribbean	4.1%	4.2%	4.2%
Intra Central & South West Asia	10.0%	8.7%	7.7%
Intra Europe	2.5%	2.5%	2.5%
Intra Middle East	4.7%	4.7%	4.4%
Intra North America	3.3%	3.0%	2.9%
Intra North Asia	1.7%	1.6%	1.4%
Intra Pacific South East Asia	5.4%	5.3%	5.1%
Intra South America	2.2%	3.2%	3.5%
Latin America/Caribbean - Central Southwest Asia	8.0%	7.7%	6.7%
Latin America/Caribbean - North Asia & Pacific South East Asia	2.6%	2.9%	2.7%
Middle East Domestic	4.7%	4.7%	4.4%
Middle East - North America	4.4%	3.6%	3.4%
Middle East - North Asia & Pacific South East Asia	4.1%	3.7%	3.5%
North America Domestic	3.3%	3.0%	2.9%
North America - North Asia	2.8%	2.6%	2.5%
North America - Pacific South East Asia	4.4%	4.3%	4.1%
North America - South America	3.8%	3.7%	3.5%
North Asia Domestic	1.7%	1.6%	1.4%
North Asia - Pacific South East Asia	3.7%	3.8%	3.6%
Pacific South East Asia Domestic	5.4%	5.3%	5.1%
South America Domestic	2.2%	3.2%	3.5%
-			

<sup>\*</sup>CAGR: Compound Annual Growth Rate



#### Headquarters

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Tel.: **+1 514 954 8219** E-mail: **icaohq@icao.int** 



#### When Visiting ICAO...

Participants in ICAO meetings at the Organization's Headquarters in Montréal can take the opportunity to visit the ICAO Museum and view a wide variety of works of art donated by Member States and displayed in different locations throughout the building. A catalogue illustrating this original artwork is available for sale at the ICAO boutique.



### **Resident National Delegations**

#### **Council Member States of ICAO**

Argentina

Australia

Bolivia

Brazil

• Burkina Faso

• Cameroon

Canada

• Chile

China

• Dominican Republic

Egypt

France

Germany

India

Italy

Japan

Kenya

Libya

Malaysia

Mexico

Nicaragua

Nigeria

Norway

 $\bullet \, \mathsf{Poland}$ 

 $\bullet \, \mathsf{Portugal}$ 

• Republic of Korea

• Russian Federation

•Saudi Arabia

Singapore

South Africa

Spain

United Arab Emirates

United Kingdom

• United Republic of Tanzania

United States

• Venezuela (Bolivarian Republic of)

#### Resident Representatives to ICAO

Afghanistan

Colombia

Congo

• Côte d'Ivoire

Cuba

Ecuador

• Equatorial Guinea

Ethiopia

Ghana

• Greece

•Indonesia

• Iran (Islamic Republic of)

Lebanon

Mozambique

Namibia

Niger

Paraguay

• Peru

Saint Lucia

Senegal

Sudan

Turkey

Uganda

Uruguay



The ICAO Museum was inaugurated as part of the 70th anniversary celebrations.

# As Every State Participates Every State Benefits

Member States are the heart and soul of ICAO, the UN specialized agency whose vision is to "Achieve the sustainable growth of the global civil aviation system" and whose mission is "To serve as the global forum of States for international civil aviation".

Understanding the genesis, structure and operation of the Organization provides Member States and aviation stakeholders with the valuable insight for taking advantage of the enormous economic, social and cultural benefits generated by a safe, secure and sustainable air transport system for all.

It also stresses the absolute necessity for international cooperation in the realization of the global aspirations of the world aviation community.

#### The "Chicago Convention"

The Second World War was a powerful catalyst for the technical development of the aeroplane. At that time, a vast network of passenger and freight carriage was set up, but in order for air transport to support and benefit a world at peace, there were many obstacles, both political and technical, to overcome.

In the early days of 1944, the Government of the United States conducted exploratory discussions with other allied nations to develop an effective strategy. On the basis of these talks, 52 States met in Chicago beginning in early November 1944.

On 7 December, they signed the Convention on International Civil Aviation, often referred to as the Chicago Convention.

At the Chicago talks, it was agreed that the Convention would only come into force thirty days after its ratification by a 26th State. In the interim, a provisional ICAO (PICAO) was formed. By 5 March 1947, the 26th ratification had been received; the Chicago Convention entered into force on 4 April, and ICAO officially came into being.

ICAO (or PICAO) became a specialized agency of the United Nations in late 1945, the UN itself coming into existence on 24 October of that year.

#### An Inspiration to the World

The lofty and often-quoted preamble to the Chicago Convention effectively sets forth the overall purpose of ICAO:

"WHEREAS the future development of international civil aviation can greatly help to create and preserve friendship and understanding among the nations and peoples of the world, yet its abuse can become a threat to the general security; and

WHEREAS it is desirable to avoid friction and to promote that co-operation between nations and peoples upon which the peace of the world depends;

THEREFORE, the undersigned governments having agreed on certain principles and arrangements in order that international civil aviation may be developed in a safe and orderly manner and that international air transport services may be established on the basis of equality of opportunity and operated soundly and economically;

Have accordingly concluded this Convention to that end."





ICAO Assembly Hall

An enlightening read, the 96 articles of the Convention establish the privileges and restrictions of Contracting States and provide for the adoption of International Standards and Recommended Practices (SARPs) regulating international air transport.

Critically, the Convention accepts the principle that every State has complete and exclusive sovereignty over the airspace above its territory and that no scheduled international air service may operate over or into the territory of a Contracting State without its previous consent.

Of specific interest is article 44 of the Convention. It summarizes the aims and objectives of ICAO – " to develop the principles and techniques of international air navigation and to foster the planning and development of international air transport so as to:

- a) Insure the safe and orderly growth of international civil aviation throughout the world;
- b) Encourage the arts of aircraft design and operation for peaceful purposes;
- c) Encourage the development of airways, airports and air navigation facilities for international civil aviation;
- d) Meet the needs of the peoples of the world for safe, regular, efficient and economical air transport;
- e) Prevent economic waste caused by unreasonable competition;
- f) Insure that the rights of Contracting States are fully respected and that every Contracting State has a fair opportunity to operate international airlines;
- g) Avoid discrimination between Contracting States;

- h) Promote safety of flight in international air navigation;
- i) Promote generally the development of all aspects of international civil aeronautics".

#### The Organization

To carry out the mandate outlined in its pages, the Convention specifically calls for the creation of the organization we know as ICAO, made up of an Assembly, a Council, an Air Navigation Commission and the Secretariat.

#### The Assembly

The Assembly is composed of all Member States of ICAO and is convened by Council. Its regular sessions are held every three years, traditionally at ICAO Headquarters in Montréal.

The Assembly has numerous powers and duties, among them to: elect the Member States to be represented on the Council for a three-year term; examine and take appropriate action on the reports of the Council and decide any matter reported to it by the Council; and approve the budgets of the Organization. In general, it reviews in detail the work of the Organization in the technical, administrative, economic, legal and technical cooperation fields. It has the power to approve amendments to the Convention, which in turn are subject to ratification by Member States.

In its support of the long-term sustainability of the global air transport system, the Assembly endorsed, in 2013, five Strategic Objectives to focus the Organization's work programme for the 2014-2016 triennium.



ICAO Council

#### SAFETY: Enhance global civil aviation safety

This Strategic Objective is focused primarily on the regulatory oversight capabilities of Member States. The Global Aviation Safety Plan (GASP) outlines the key activities in this area.

#### AIR NAVIGATION CAPACITY AND EFFICIENCY: Increase the capacity and improve the efficiency of the global civil aviation system

Although functionally and organizationally interdependent with Safety, this Strategic Objective is focused primarily on upgrading the air navigation and aerodrome infrastructure and developing new procedures to optimize aviation system performance. The Global Air Navigation Capacity and Efficiency Plan (Global Plan) outlines the key activities in this area.

# **SECURITY & FACILITATION:** Enhance global civil aviation security and facilitation

This Strategic Objective reflects the need for ICAO's leadership in aviation security, facilitation and related border security matters.

# **ECONOMIC DEVELOPMENT OF AIR TRANSPORT:**Foster the development of a sound and economically viable civil aviation system

This Strategic Objective reflects the need for ICAO's leadership in harmonizing the air transport framework focused on economic policies and supporting activities.

# **ENVIRONMENTAL PROTECTION:** Minimize the adverse environmental effects of civil aviation activities

This Strategic Objective fosters ICAO's leadership in all aviation-related environmental activities and is consistent with the ICAO and UN system environmental protection policies and practices.

#### The Council

The Council is a permanent body of the Organization composed of 36 Member States and responsible to the Assembly. The following States were elected to the current Council at the 38th Regular Session of the Assembly (2013) for the 2014-2016 triennium:

# PART I – States of chief importance in air transport (11 States)

Australia, Brazil, Canada, China, France, Germany, Italy, Japan, Russian Federation, United Kingdom and the United States

# PART II – States that make the largest contribution to the provision of facilities for international civil air navigation [12 States]

Argentina, Egypt, India, Mexico, Nigeria, Norway, Portugal, Saudi Arabia, Singapore, South Africa, Spain and Venezuela

## PART III – States ensuring geographic representation [13 States]

Bolivia, Burkina Faso, Cameroon, Chile, Dominican Republic, Kenya, Libya, Malaysia, Nicaragua, Poland, Republic of Korea, United Arab Emirates and United Republic of Tanzania

More than 60 States, approximately one third of ICAO Member States, are represented by a Council member who is a member of a rotation group. (See page 26 for a list of rotation groups).

The Council has numerous functions, notably to submit annual reports to the Assembly; carry out the directions of the Assembly; and discharge the duties and obligations laid on it by the Chicago Convention. Another key function is to appoint the Secretary General.

The Council also administers the finances of ICAO. It appoints and defines the duties of its various Committees: the Air Transport Committee, the Committee on Joint Support of Air Navigation Services, the Finance Committee, the Committee on Unlawful Interference, the Technical Co-operation Committee and the Human Resources Committee. It appoints the Members of the Air Navigation Commission and it elects the members of the Edward Warner Award Committee. (See page 27 for past recipients of the Award).

In addition, the Council gives continuing direction to the work of ICAO. One of its major duties is to adopt international Standards and Recommended Practices (SARPs) and to incorporate these into the Annexes to the Chicago Convention. The Council may also amend existing Annexes as necessary.

On occasion, the Council may act as an arbiter between Member States on matters concerning aviation and the implementation of the provisions of the Convention; it may investigate any situation which presents avoidable obstacles to the development of international air navigation and, in general, it may take necessary steps to maintain the safety and regularity of international air transport.

#### **The Air Navigation Commission**

The Air Navigation Commission (ANC) is tasked by the Council to manage the technical work programme of ICAO, and as part of that mandate, to consider and recommend SARPs and Procedures for Air Navigation Services (PANS) for adoption or approval by the Council.

The Commission is composed of nineteen members who have "suitable qualifications and experience in the science and practice of aeronautics", as outlined in the Chicago Convention. Although ANC Commissioners are nominated by specific ICAO Member States, and appointed by the Council, they do not represent the interest of any particular State or Region. Rather they act independently and utilize their expertise in the interest of the entire international civil aviation community.

Since its establishment, the Commission has considered and recommended SARPs found in 17 out of the 19 Annexes to the Chicago Convention – including the most recent Annex 19 on Safety Management.

The establishment and maintenance of SARPs and PANs are fundamental tenets of the Chicago Convention and a core aspect of ICAO's mission and role. They provide the basis for harmonized global aviation safety and efficiency in the air and on the ground, the worldwide standardization of functional and performance requirements of air navigation facilities and services, and the orderly development of air transport.



Air Navigation Commission

Annexes cover the following subjects:

#### Annex 1

Personnel Licensing

#### Annex 2

Rules of the Air

#### Annex 3

Meteorological Service for International Air Navigation

#### Annex 4

Aeronautical Charts

#### Annex 5

Units of Measurement to be Used in Air and Ground Operations

#### Annex 6

Operation of Aircraft

#### Annex 7

Aircraft Nationality and Registration Marks

#### Annex 8

Airworthiness of Aircraft

#### Annex 9

Facilitation

#### Annex 10

Aeronautical Telecommunications

#### Annex 11

Air Traffic Services

#### Annex 12

Search and Rescue

#### Annex 13

Aircraft Accident and Incident Investigation

#### Annex 14

Aerodromes

#### Annex 15

Aeronautical Information Services

#### Annex 16

Environmental Protection

#### Annex 17

Security: Safeguarding International Civil Aviation Against Acts of Unlawful Interference

#### Annex 18

The Safe Transport of Dangerous Goods by Air

#### Annex 19

Safety Management

Importantly, the development of SARPs and PANS follows a structured, transparent and multi-staged process – often known as the ICAO "amendment process" or "standards-making process" – involving a number of technical and non-technical bodies which are either within the Organization or closely associated with ICAO, as well as Member States themselves.

Today, ICAO manages more than 12 000 SARPs across the 19 Annexes and five PANS to the Convention, many of which are constantly evolving in concert with latest developments, innovations and challenges.

#### The Secretariat

The Secretary General of ICAO is head of the Secretariat and Chief Executive Officer of the Organization. The Secretary General also serves as the Secretary of the Council and submits periodic progress reports on Secretariat activities.

The Secretariat consists of five main divisions: the Air Navigation Bureau, the Air Transport Bureau, the Technical Co-operation Bureau, the Legal Affairs and External Relations Bureau, and the Bureau of Administration and Services.

The Secretary General is also directly responsible for the management and effective work performance of the activities assigned to the Office of the Secretary General relating to Finance, Evaluation and Internal Audit, Communications, and seven Regional Offices.

### **Secretary General**



#### Air Navigation Bureau

The Air Navigation Bureau (ANB) is the largest in ICAO and manages the Safety and Air Navigation Capacity and Efficiency strategies of the Organization, in partnership with numerous aviation stakeholders. ANB also leads ICAO's efforts related to crises and contingencies.

The work of the Bureau covers a wide range of programmes and activities, including:

- Accident Investigation
- Aerodromes
- Aeronautical Information Management
- Air Traffic Management
- Aviation Medicine
- Dangerous Goods
- Integrated Infrastructure Management
- Flight Operations
- Meteorology
- Performance Based Navigation
- Remotely Piloted Aircraft Systems
- Universal Safety Oversight Audit Programme

Other initiatives managed by ANB provide further appreciation of the scope and breath of aviation issues ICAO deals with on an on-going basis:

- Runway Safety
- Fatigue Management
- Rescue Fire Fighting
- Language Proficiency Requirements
- Nationality Marks
- Volcanic Ash

#### Policy and Standardization

Under the Organization's Safety and Infrastructure Policy and Standardization strategy, ANB develops and maintains the Global Aviation Safety Plan and the Global Air Navigation Plan. These are put into action by all the sections within ANB, all the Regional Offices of the Organization, as well as through Regional Aviation Safety Groups (RASGs) and Regional Planning and Implementation Groups (PIRGs), both of which include Member States and aviation partners from within a defined region.

#### Air Transport Bureau

The Air Transport Bureau (ATB) supports the implementation of a number of Strategic Objectives of ICAO, in particular: Security and Facilitation; Economic Development of Air Transport; and Environmental Protection. The Bureau also contributes towards Safety.

#### Aviation Security and Facilitation

ICAO plays an essential leadership role in enhancing civil aviation security worldwide. Efforts are focused primarily on developing and coordinating an effective global policy and legal framework in response to the evolving threat to civil aviation, conducting audits that identify aviation security shortcomings, and assisting States in implementing security Standards and resolving deficiencies.

#### **Environment**

ICAO's overall objective is to enhance the sustainability of international aviation operations by minimizing aircraft noise and the impact of engine emissions on local air quality and the global climate. Emphasis is placed on: quantifying the impact of aviation on the environment through the development of methodologies, tools, models and databases; and establishing policies, standards and recommended practices to address the impact of aviation on the environment through technological, operational and market-based measures.

#### **Economic Development**

In the economic fields, activities are linked to the sustainability of air transport development. The Bureau is responsible for developing, promoting and disseminating policies and guidance materials on major regulatory issues related to the economic regulation and liberalization of international air transport and to the economics of airports and air navigation services.

Of paramount importance is the availability of a wide range of reliable and robust aviation data. Accordingly, ATB manages the Statistics Programme, the forecasting activities and economic studies and other authoritative information on present and future air transport development.

In addition to supporting the Strategic Objectives mentioned above, ATB administers:

 the Joint Financing Agreements with Denmark and Iceland for the provision certain North Atlantic air navigation services (DEN/ICE);

- the Arrangement on the Joint Financing of the North Atlantic Height Monitoring System (HMS);
- the Agreement on the Sharing of Costs of the Satellite Distribution System for information relating to Air Navigation (SADIS); and
- the ICAO Public Key Directory as the main global distribution point for public signing key certificates from all issuers of ePassports.

#### Legal Affairs and External Relations Bureau

The Legal Affairs and External Relations Bureau (LEB) provides advice and assistance to the Secretary General and through that position, to Council and other bodies of the Organization and to ICAO Member States on constitutional, administrative and procedural matters, on problems of international law, air law, commercial law, labour law and related matters.

LEB is also responsible for the depositary functions of ICAO under several treaties, and cooperation and coordination in legal activities with the United Nations and other international organizations.

#### **External Relations Functions**

The Bureau is responsible for reviewing, advising on and coordinating ICAO's relations with member and non-member States, the Organizations of the United Nations Common System and with other international organizations.

Under that process, LEB monitors activities of the international system which are of mutual interest to ICAO, the United Nations and other international organizations, directs attention to international affairs and political developments which may affect ICAO, and makes arrangements for the representation of the Organization at meetings of other organizations.

#### **Technical Co-operation Bureau**

ICAO's Technical Co-operation Programme provides advice and assistance in the development and implementation of projects across the full spectrum of civil aviation aimed at the safety, security, environmental protection and sustainable development of national and international civil aviation.

Conducted under the broad policy guidance of the ICAO Assembly and of the Council, and subject to general guidance by the Secretary General, the Programme is executed by the Technical Co-operation Bureau (TCB).

Since its establishment in 1952, TCB has implemented civil aviation projects with an accumulated value in excess of US\$ 2 billion. It is involved in approximately 250 projects each year and to date has provided assistance to over 115 countries, deploying annually approximately 1 200 international and national experts.

TCB offers its services under most favourable and costeffective conditions and guarantees strict neutrality, objectivity and transparency. Its advice is governed by objective technical and financial considerations.

#### **Bureau of Administration and Services**

The Bureau of Administration and Services (ADB) provides the administrative support required by the Organization and promotes a results-based management and a performance-oriented organizational culture to meet the needs of Member States, industries and other customers as well as the general public.

#### **Effective Information Management**

ADB assumes a leading role in information management activities throughout the Organization. The aim is to modernize administrative processes by moving towards fully electronic workflows and a paperless environment.

#### Linguistic Excellence

ADB also responds to all of the language requirements for the Organization, from interpretation for meetings to translation and publication services in the six working languages of ICAO.

#### Other Core Activities

Other core activities of the Bureau relate to the management and the provision of services to the Governing Bodies and ICAO Secretariat in areas of meetings and conferences organization, office services, records and documents management and administration.

# Regional Offices "Ambassadors" of ICAO around the world

The concept of Regional Offices dates back to 1945 when the Interim Council of PICAO recognized the need to subdivide the world into air navigation regions, in order to facilitate the planning and implementation of ground services and facilities essential for international air transport operations.

This approach took into consideration the common operational and technical requirements of various geographical areas, and the value of consultations and strategies developed with a more limited number of concerned States, albeit under a globally harmonized framework.

Originally, there were ten such air navigation regions whose boundaries roughly coincided with continental and oceanic masses, with some overlap. Today, there are seven Regional Offices to which are accredited the 191 Member States of ICAO, as can be seen in the opening of each of the regional sections of this publication.

Over the years, what also changed are the responsibilities of the Regional Offices, from coordinating regional air navigation plans to the implementation of Strategic Objectives and, more recently, activities associated with the 'No Country Left Behind' campaign.

Each Regional Office is responsible for serving Contracting States and maintaining liaison with non-Contracting States and other territories, as well as other stakeholders, such as regional organizations, financial institutions and governments.

#### Their mandate covers the following areas:

- 1] Air Navigation Functions, including assisting, expediting and following up of action by States to implement regional plans and regional supplementary procedures, as well as implementation of ICAO Standards, Recommended Practices and procedures.
- 2] Air Transport Functions, including States and international organizations of ICAO air transport policies and activities, and encouraging States to file statistics, to implement Annex 9 on Facilitation and to submit replies to economic study questionnaires.
- 3] Regional Bodies, where established, close cooperation with the regional bodies and coordination of interrelated work programmes.
- 4) Technical Cooperation Functions, including the Regional Scholarship Programme and assistance in investigating fellowship applications, provision of advice on programming, including co-ordination within the region of requests for regional projects, briefing of newly recruited technical cooperation experts.
- 5] Legal, obtaining current copies of air laws and regulations, as well as information on contemplated air legislation and regulations, from Contracting States, obtaining, on request, judicial information relating to aviation matters.
- 6) Aviation Security, encouraging, assisting, expediting, monitoring and following up all aspects of aviation security in accordance with ICAO policy, Standards, Recommended Practices and procedures.
- 7) General, reporting on implementation by States of Assembly and Council Resolutions regarding aviation security, reporting on aviation accidents and incidents to enable follow-up action by ICAO as may be required, the holding of meetings at regional office locations, as well as other operational and administrative activities.



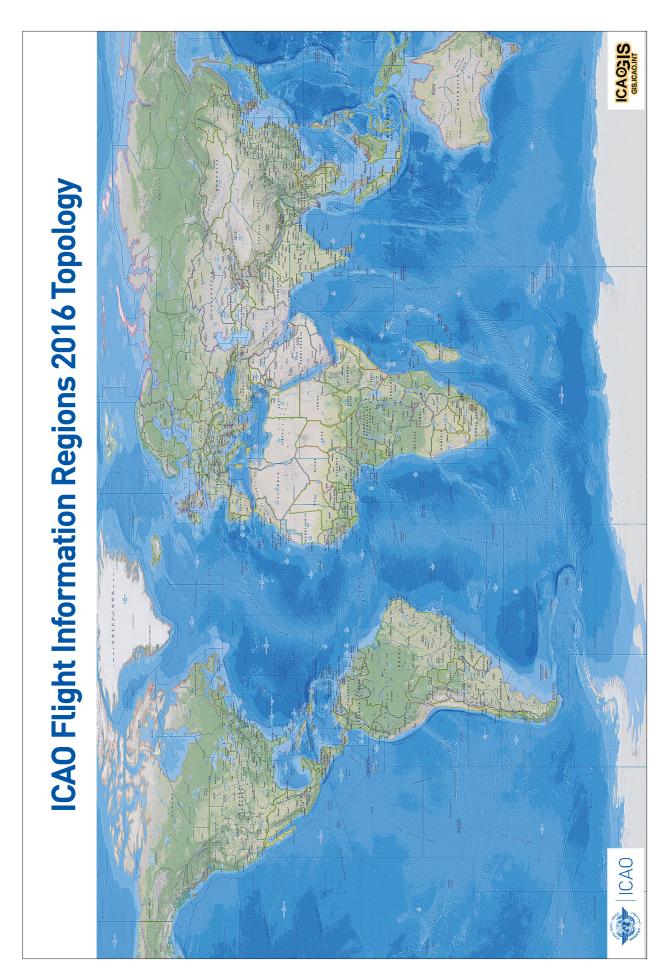
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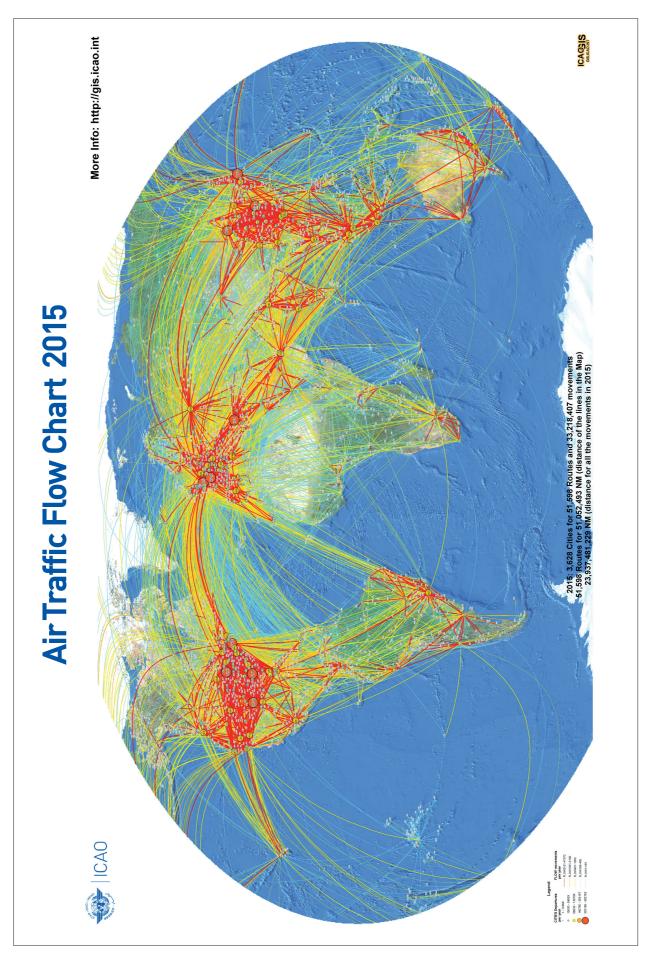
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Working with the International Aviation Community for Passengers and Shippers Worldwid







Rotation groups consist of two or more ICAO Member States that join forces in order to participate more actively in the work of the Organization, even though they may not be represented directly on the ICAO Council.

By close coordination, they provide for continuity of positions among themselves and ensure a wider range of expertise and experience in various fields of activity. Not only does ICAO profit from this expanded knowledge base, but the role of States, in particular smaller ones, can be strengthened through membership in a rotation group.

Rotation groups may also provide an opportunity for coordination in other fora where coalition building is crucial in the civil aviation sector.

More than 60 States, approximately one third of ICAO Member States, are currently represented by a Council member who is a member of a rotation group.

States wishing to take a more active role in the activities of ICAO may consider creating a rotation group or joining existing groups.

#### Following are rotation groups officially established within ICAO

#### **ABIS Group**

















Austria, Belgium, Croatia, Ireland, Luxembourg, Netherlands, Portugal and Switzerland.

#### **CARICOM States Rotation Group**













Antigua and Barbuda, Bahamas, Barbados, Belize, Grenada, Guyana, Haiti, Jamaica, Saint Lucia, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname and Trinidad and Tobago.

#### **Central American Rotation Group**















Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua and Panama.

#### **Central European Rotation Group**



















Bulgaria, Czech Republic, Greece, Hungary, Lithuania, Poland, Romania, Slovakia and Slovenia.

#### **Maghreb States Rotation Group**

































#### **NORDICAO**



Denmark, Estonia, Finland, Iceland, Latvia, Norway and Sweden.

#### Southern African Development Community Rotation Group



Angola, Botswana, Democratic Republic of the Congo, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Swaziland, United Republic of Tanzania, Zambia & Zimbabwe.

#### **Venezuela-Colombia Rotation Group**



Venezuela and Colombia

# The Edward Warner Award

# A Commemoration of Greatness



**Dr Edward Pearson Warner** (1894-1958) was an American aviation pioneer, educator in aeronautical engineering, author, scientist and statesman. He was a member of the U.S. Civil Aeronautics Board at its founding in 1938, a Delegate of the United States to the 1944 Chicago Conference for the Convention on International Civil Aviation, and an international civil servant whose greatness is commemorated by the world's civil aviation community in the international award which bears his name.

Edward Warner was one of the leading figures in the transformation of civil aviation from a fledgling industry in the rubble and chaos of World War II to a structured and modern world air transport system based on international cooperation. He became the first President of the Council of the International Civil Aviation Organization during its provisional status from 1945 to 1947, and continued as President until his retirement in 1957. During his 12 years of service, Dr Warner guided the Organization through its infancy, enlisting the collaboration of Governments and of dedicated individuals to build a lasting institution that to this day serves the world's civil aviation community and the travelling public.

In 1956, ICAO received from the City of Genoa its famed Christopher Columbus Award for its efforts in the development of international cooperation in air transportation.

The award included a sum of more than \$7 000 which the ICAO Council subsequently used to establish its own continuing series of awards. The objective was to commemorate Dr Edward Warner's inspiration and service to international civil aviation and to pay tribute to the contribution of outstanding individuals or institutions to the further development of civil aviation.

The Edward Warner Award consists of a solid gold medal inscribed with the recipient's name, and a certificate of recognition citing the reasons for the Award. It is recognized throughout the world as the greatest single honour the international civil aviation community can bestow, for its importance is derived from the fact that it is given by ICAO on behalf of its Member States. No other international award offers such wide recognition.

A special Committee of the ICAO Council obtains nominations for the Award from the Organization's 191 Member States, from institutions, or from individuals. The Committee then recommends to the ICAO Council for its approval the selected individual or institution whose efforts on behalf of civil aviation are considered to be most outstanding.

# Recipients of the Edward Warner Award



**2013** 

Dr Assad Kotaite, Lebanon, President Emeritus of the Council of ICAO – in recognition of his eminent contribution to the development of international civil aviation, most notably in the field of diplomacy and conciliation.



2010

Dr Nicolas Mateesco Matte, Romania in recognition of his eminent contribution to the development, promotion and understanding of air and space law around the world.



2007

Dr Silvio Finkelstein, Argentina – whose leadership in the field of aviation medicine has contributed to safety in international civil aviation.



2004

Professor Brian O'Keeffe, Australia – in recognition of his eminent contribution to the development of international civil aviation, in particular his leading role in the field of air navigation systems.

The International Academy of Aviation and Space Medicine (IAASM) – in recognition of the Academy's significant achievements in aviation medicine for almost a half century.



Mr Petro Vasilyevich Balabuyev, Ukraine - in recognition of his lifetime achievements as an aircraft designer, participating directly in the development, testing and serial production of all the types of Antonov aircraft, which are operated successfully in many countries of the world.



2000

The Singapore Aviation Academy (SAA) – since its establishment in 1958, has successfully pursued a broad mission including: to achieve excellence in civil aviation training; to promote national and inter regional self sufficiency in civil aviation human resource development; and to serve as a forum for the exchange of information and expertise among all components of the air transport industry on issues affecting international civil aviation.



Mr Jerome F. Lederer, United States of America – in recognition of his continuous contribution to the improvement of all aspects of safety in international civil aviation thereby helping the world of civil aviation achieve a remarkable safety record.



**1998** 

**Dr Kenneth Rattray**, Jamaica – in recognition of his eminent contribution to the development of international civil aviation, particularly in the legal field.



1997

Dr Tatyana Grigorievna Anodina, Russian Federation – in recognition of her eminent contribution, as scientist and researcher, to the development of national, regional and global air navigation aids for civil aviation at the international level.



1996

The Institute of Air and Space Law of McGill University (Canada) - founded in 1951, recognized for its highly significant contribution to the development of international air law, both through its own activities in teaching, research, publication, and holding international conferences, and through the contributions of its more than 750 graduates from 117 different countries around the world



1995

Captain Elrey B. Jeppesen, United States of America – recognized for his contribution to the safe development of international aviation and of air navigation in particular, both as a former airline pilot and as founder of the Jeppesen Company, publisher of the Jeppesen Airway Manual which continues to provide aeronautical information for the safe conduct of flights.



1994

Professor Dr Ing. Bacharuddin Jusuf Habibie, Indonesia – recognized for his eminent contribution in promoting the aircraft manufacturing industry in the developing world.



Mr Arnold Kean, United Kingdom recognized for his 40 years of active involvement in the legal work of ICAO, most recently, his contribution to the successful conclusion of the Convention on the Marking of Plastic Explosives for the Purpose of Detection in February 1991.



Dr Edward R.K. Dwemoh, born in Ghana pioneer of civil aviation in Africa and first President of the African Civil Aviation Commission (AFCAC).



1991

Dr K.N.E. Bradfield, born in Gordon, NSW, Australia – recognized for his eminent contribution to the development and provision of the technical and operational requirements of the ground based infrastructure of international civil aviation.



1990

Mr Igor Ivanovich Sikorsky, born in Kiev, USSR - world renowned aeronautical designer and engineer and known for his successful work in helicopter development.



**1989** 

Mrs Anesia Pinheiro Machado, born in Brazil recognized as a pioneer woman aviator and for her contribution to the development of international civil aviation in Latin America.



1988

AEROTHAI Aeronautical Radio of Thailand established in April 1948 at the initiative of scheduled airlines and as a licensed agency of the Government of Thailand, represents a unique example of cooperation in which the provider of the service is owned by the users. It has eminently contributed to the development of international civil aviation in a region of the world where air transport operations have expanded at a rapid pace.



1986

Mr J.R.D. Tata, born in Paris of Indian nationality – was the first to qualify as a pilot in his country in 1929. Founder Chairman and Chief Executive of Air India Ltd. and Air India International until all airlines in India were nationalized; he was thereafter appointed Chairman of the Company. He developed new routes between India and other countries and also served the international aviation community as President of the Executive Committee of IATA.



Dr Alexandr Fedotovich Aksenov, USSR scientist, engineer and educator, he actively participated in the development of aviation technology, as well as new types of aviation fuels, oils and lubricants and aircraft such as the TU144, IL86, IL76, TU154 and YAK42. In 1975, Rd. Aksenov became Rector of the Kiev Institute of Civil Aviation Engineers.



# 1984

Mr Maurice Bellonte, Meru Oise, France received the Award posthumously in recognition of his eminent contribution, as a pioneer aviator and navigator, to the science of air navigation.



# 1983

Mr Knut Hammarskjöld, born in Geneva, is of Swedish nationality - former Director General of the International Air Transport Association (IATA), he has dedicated a substantial part of his life to the furtherance of mutual understanding and cooperation in the field of international civil aviation among the peoples of the world.



# **+ 1982**

Dr Werner Guldimann, Olten, Switzerland former Director of the Federal Office of Civil Aviation of Switzerland, for his eminent contribution as a lawyer, scholar, administrator, educator and pilot. Particularly noted for the development and unification of international air law.



# 1981

Dr Harry G. Armstrong, United States of America – former Director of the United States Aeromedical Research Laboratory, in recognition of his work as a pioneer in the field of aviation medicine and for his contribution to the safety and comfort of international civil air transport.



## 1980

Dr Indalecio Rego Fernandez, Spain - pilot, jurist and educator, he has dedicated himself with outstanding energy to the development of international civil aviation.



# 1979

Mr Agnar Kofoed Hansen, Reykjavik, Iceland – Director General of Civil Aviation, Iceland, for his very valuable contribution to international civil aviation and, in particular, for the prominent role he played in the development of air navigation services over the North Atlantic.



# **1978**

Sir Donald Anderson, C.B.E., Australia former Director General of Civil Aviation who by promoting coordination and cooperation in civil aviation activities among the countries of Asia and the Pacific had a major influence on the development of civil aviation in Australia. His valuable experience proved of immense service to aviation in the technical field, particularly the one relating to world standards for air traffic control.



# 1977

Mohammed Soliman El Hakim, Egypt – former Director General of Civil Aviation who played a prominent role in the economic and technical development of civil air transport in the Arab countries. His efforts were instrumental in creating the Civil Aviation Council of Arab States (CACAS) of which he became the first President.

# 1976

#### COCESNA Corporación Centroamericana de Servicios de Navegación Aérea

(est. 1960 by the Central American Aeronautical authorities); provides efficient and coordinated services for air navigation and communications which has remarkably increased the safety of international flights in the Central American region.



# 1975

Charles A. Lindbergh, United States of America – aviation pioneer who, through his solo transatlantic flight in 1927, unveiled the potential of international air transport. During a life dedicated to aviation, he significantly contributed to the establishment of operating procedures and safety standards and exercised a profound influence on aircraft engine development.



# 1974

Professor Dr Alex Meyer, Fed. Rep. of Germany – academician, jurist and aviator, he was for nearly 30 years a high ranking Administrative Officer and later professor at Cologne University where he established and directed the Institute of Air Law and Space Law.



# 1973

Mr Shizuma Matsuo, Japan - former President and Chairman of the Board of Japan Air Lines, he previously served his Government for 23 years in many civil aviation posts including Director General of the Aeronautics Safety Board and Director General of the Japan Aeronautics Agency.

# 1972

ASECNA Agence pour la Sécurité de la Navigation aérienne en Afrique et à Madagascar (est. 1959 by an international convention, Dakar, Senegal); composed of 15 French speaking States which cooperate to ensure the safety and regularity of civil aviation over the territories of ASECNA's African Member States.



# **1971**

Mr Ruben Martin Berta, Brazil - former President of Varig Airlines, who gave a lifetime of dedicated service to civil aviation, both in his native land and within the international sphere of air transportation.



# 1968

Mr Henri Bouché, France - founder of the Air Transport Institute in Paris, an international centre for research on civil air transport economy, policy and technique; former Representative of France on the ICAO Council.



Sir William Hildred, United Kingdom – former Director General of Civil Aviation in the UK. and Director General of the International Air Transport Association.



# 1963

Mr Max Hymans, France – aviation pioneer, former Secretary General for civil aviation in France, and President of Air France.

# 1961

International Aeronautical Federation (est. 1905, Paris), worldwide organization of national aero clubs. Its primary aim is to encourage cooperation and progress in aviation.



Dr Albert Plesman, Kingdom of the Netherlands – aviation pioneer, founder and President of KLM Royal Dutch Airlines.



SEPT. 26-OCT. 3

**MONTREAL**CIVIL**AVIATION**WEEK.COM





Did you know that Greater Montréal is one of the world's three leading aerospace capitals, along with Seattle and Toulouse? Is among the rare places where all of the main components of an aircraft are manufactured within a 30-kilometre radius? Is home to nearly 200 aerospace companies, such as Bombardier, Pratt and Witney and CAE, that together generate over \$15.5 billion (CAN) in sales each year, employ more than 40,000 highly skilled workers and account for 55 per cent of Canada's total aerospace production? Is host to the world headquarters of not only the International Civil Aviation Organization (ICAO), but also many other international aviation organizations, including the International Air Transport Association (IATA), Airports Council International (ACI) World, and the International Federation of Air Line Pilots' Associations (IFALPA)?

To underscore the contribution of Montréal to the global aviation industry, Aéroports de Montréal (ADM) has joined forces with a number of partners to create the first Montréal International Civil Aviation Week, from September 26 to October 3, 2016. They include the governments of Canada and Québec, the City of Montréal, the Montreal Board of Trade, Montréal International and Aéro Montréal, Québec's aerospace cluster.

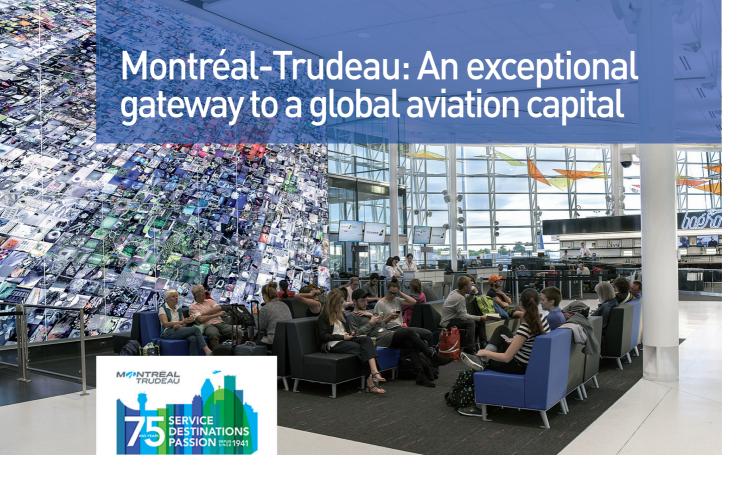
The week coincides with ICAO's 39th Triennial Assembly and the ACI World-NA Conference & Exhibition held in Montréal this fall, events that are expected to attract over 5,500 delegates from around the world. In October, Montréal will also host some 3,000 delegates attending the 28th Annual Conference of the International Aviation Women's Association.

"Civil Aviation Week will feature a variety of activities and special guests aimed at underscoring Montréal's position as an aeronautical centre of excellence as well as highlighting the international organizations like ICAO." says James Cherry, President and Chief Executive Officer of ADM.

Under the theme of innovation and the environment, the programme includes special luncheon conferences, a gala dinner recognizing excellence among Québec aero- space suppliers, a case study competition based on proposals for recycling end-of-life aircraft, an event bringing together Québec start-ups and major aerospace companies, and a presentation by Bertrand Piccard, initiator, chairman and pilot of the Solar Impulse 2 that recently completed the first-ever, round-the-world solar flight.

Also highlighted during the Week will be the official launch of Concordia University's Aviation Think Tank, whose external advisory board is chaired by Pierre Jeanniot, former Director General & CEO of IATA and former President and CEO of Air Canada. "Concordia has created a neutral platform — the first of its kind in the world – to provide a forum for industry experts, researchers and academics to collaborate and weigh in on the most important issues facing the aviation sector," says Mr Jeanniot. "The knowledge and ideas generated will promote forward-thinking policies, best practices and key actions to help set the pace in a complex arena."

Concludes Jim Cherry: "We are delighted to be part of such a dynamic and progressive aerospace environment and to be able to play a pivotal role in the evolution of Montréal as a world-renowned aviation centre."



Delegates arriving at Montréal-Pierre Elliot Trudeau International Airport (YUL) for ICAO's 39<sup>th</sup> Triennial Assembly (September 27-October 7), which coincides with the ACI-NA World Annual General Assembly (September 25-28) and Montréal International Civil Aviation Week (September 26-October 3), will appreciate it as a world-class entry point to a city recognized as a global aviation capital and an emerging international hub.

First is the airport's recently expanded international jetty, with six additional boarding gates for wide-body aircraft, a striking open-plan layout featuring avant-garde works of art, and distinctive restaurants and boutiques evoking the best of Montréal's famed cuisine and vibrant culture. Next up is the airport's spacious arrivals hall, with its automated self-service passport control (APC) kiosks to expedite Canadian Customs and Immigration clearance. Then it's out to the main terminal, where all-electric and hybrid taxis are available for the short ride downtown, part of the airport authority Aéroports de Montréal (ADM) commitment to sound environmental stewardship.

Passengers continuing on to the United States or international destinations benefit from special self-service passport and customs declaration kiosks. Montréal-Trudeau is enjoying a sharp increase in connecting passenger traffic thanks in part to the presence of three alliances – Skyteam, Star Alliance and One World – and fast turnaround times. All this supported by world-class security measures, including Non-Passenger Screening for Vehicles (NPS/V) stations to protect access to critical restricted areas (CRA) airside, in line with new Canadian Air Transport Security Authority (CATSA) rules.

With capital investments of nearly \$2.5 billion (CAN) since the turn of the millennium, Montréal-Trudeau has undergone a true transformation while handling steadily increasing traffic, expected this year to reach a record 16 million passengers. Its capacity has more than doubled and a host of innovative self-service technologies provide a secure, flexible and seamless processing of passengers and flights. There are also two new passenger jetties for U.S. and international flights, an ultra-modern U.S. departures hall, a state-of-theart international arrivals complex, and fully automated check-in and baggage handling facilities. Very popular are the significantly expanded retail and food services, an integrated communications solution featuring free WiFi and digital signage, and a 275-room Marriott Hotel.

Montréal-Trudeau, which proudly celebrates its 75<sup>th</sup> anniversary this year, boasts an extraordinary service offering for a mid-sized airport and is increasingly attractive as a passenger hub between North America and Europe. Some 30 carriers operate non-stop to more than 135 non-stop destinations and the number of international destinations served by direct flights has increased from 30 to more than 80 in the past decade alone, including Beijing since September 2015.

"Our overall goal has been to continuously enhance Montréal-Trudeau's appeal to travellers, to grow in an environmentally sustainable manner, and to strengthen the airport's role as an important transportation hub," says James Cherry, ADM's President and Chief Executive Officer. "Montréal is home to the headquarters of ICAO, IATA and ACI World, as well as many aerospace leaders, and we are delighted to be contributing to the city's role as a global capital of civil aviation."



# Montréal-Trudeau checks all the boxes.

- Leading-edge technology
- The main hub in Eastern Canada
- [\*] A high customer satisfaction rate
- 4 new international carriers in the last year alone
- More than 30 leading airlines
- More than 135 non-stop international destinations
- [X] Full support for carriers

Get to know all that Montréal-Trudeau has to offer - admtl.com



# Canada's Aviation Hall of Fame

# Honouring the Pioneers Inspiring the Young



George Neal after his record-breaking flight, trusted logbook in hand.

In early June 2015, George Arthur Neal flew his personal DHC-1 Chipmunk from Brampton Airport in Toronto for display at the 43<sup>rd</sup> Annual Induction Gala of Canada's Aviation Hall of Fame (CAHF), held in the Skyservice Business Aviation hangar at Toronto's Pearson International Airport.

It was nothing really exceptional, except that the flight by Mr Neal, himself inducted into CAHF in 1995, was recorded and earned him recognition by Guinness World Records as the oldest active licensed pilot, flying his own aircraft at 96 years and 194 days as of 2 June 2015. Sadly, George passed away on 4 April 2016.

Canadian astronaut Julie Payette, inducted into CAHF in 2010, was the highlight of the second Next Generation of Aviation Professionals (NGAP) Symposium, held in December 2014 at ICAO Headquarters, in Montréal.

Director of the Science Centre of Montréal, she shared her experience and vision on attracting and retaining the NGAP of all ages, nationalities, gender, race and socioeconomic backgrounds into science, technology, engineering and mathematics education programmes.



Julie Payette

At last year's CAHF induction ceremony, the Belt of Orion Award for Excellence – which honours organizations, groups, societies or associations having made outstanding contributions to the advancement of aviation in Canada – was awarded to AeroVelo Inc., of Toronto, represented that evening by Todd Reichert and Cameron Robertson.



A breakthrough in human-powered flight

Their incredible achievement? Building and flying a human-powered ornithopter and a human-powered helicopter. With their history-making flight of 13 June 2013, they had won the prestigious Igor I. Sikorsky Human-Powered Helicopter Competition, awarded by The American Helicopter Society (AHS) International.

Neal, Payette, Reichert and Robertson are among 224 Members of CAHF and 23 Belt of Orion laureates who have inspired thousands, if not millions via the Internet, to reach their full potential through aviation and aerospace.

## **The Sprit Never Dies**

Like Canada, other ICAO Member States have established an aviation hall of fame.

All, in some way, probably reflect the fundamental tenets of CAHF:

#### **Our Vision**

Keeping our aviation heroes, leaders and innovators in the hearts and minds of Canadians.

#### **Our Mission**

To honour those individuals and organizations that have made outstanding contributions to aviation and aerospace in Canada; and to collect, preserve, exhibit and interpret artefacts and documents, thereby inspiring and educating Canadians.

#### **Our Motto**

*Liberaliter viam monstrabant* - Unselfishly they showed the way.

Over the past decade or so, the Hall has expanded its mission to encourage Canada's youth in considering aviation as a career option and become part of the Next Generation of Aviation Professionals. From the legendary Alexander Graham Bell and his Silver Dart aircraft, to "star" astronaut Chris Hadfield, all show the way to fulfilling one's dream in the fabulous, multi-dimensional universe of flight.

#### **A Rigorous Selection Process**

If Canada's Aviation Hall of Fame has been so successful over the years in identifying the very best candidates for membership, it has largely been the result of enthusiastic public participation and a rigorous selection process, based on comprehensive nomination packages. It may take anywhere from one to several years for a nomination to be accepted and recommended.

A Nomination Review Committee (NRC) accepts nominations submitted by a wide range of individuals and organizations, from aviation circles and family members, to anyone interested in promoting aviation heroes and achievements.

The NRC looks for demonstrated outstanding abilities in overcoming challenge, management ability, special talents, peer recognition, responsibility and accomplishments that contribute a lasting benefit to Canada.

This committee remains strictly confidential. It prepares a list of the top nominations received. Recommendations are then presented to the Board of Directors for a decision.

#### More than a Hall of Fame

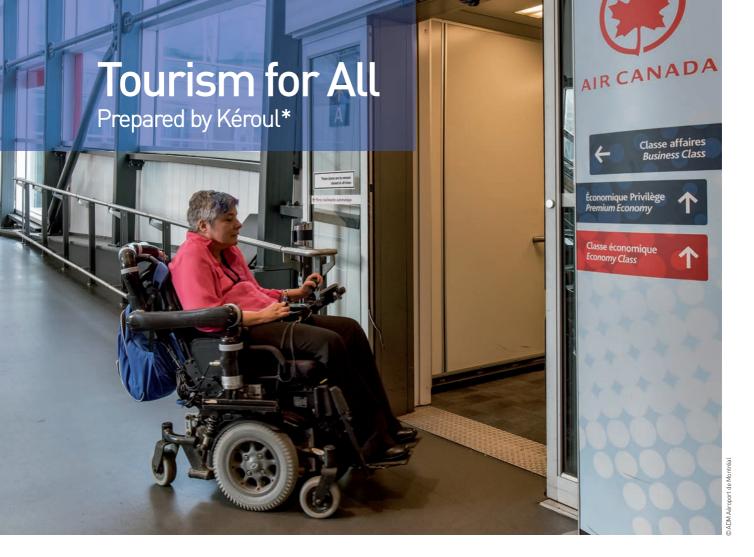
The Hall is more than a history book of extraordinary feats. It is also a living museum of transportation and industry, a world-class destination for viewing one of the most historically significant collections of vintage aircraft in Canada.

The Hall and museum are housed on the premises of the Hall's on-site partner, the Reynolds-Alberta Museum located in the city of Wetaskiwin, roughly an hour south of Edmonton, capital of Alberta. While the museum is accessible by ground transportation, the Wetaskiwin Regional Airport (CEX3) runway provides direct aircraft access to the Reynolds-Alberta Museum and Canada's Aviation Hall of Fame, adjacent to the Airport. For aviation buffs – location 52° 57' 46" N, 113° 25' 12" W.

More information on Canada's Aviation Hall of Fame is available at www.cahf.ca. At the web site are biographies of all Members and Belt of Orion recipients.



Inside the Hall of Fame and Museum



According to the World Tourism Organization (UNWTO), tourism is one of the largest and fastest-growing economic sectors in the world. Despite occasional shocks, international tourist arrivals have increased from 25 million globally in 1950 to 1.2 billion in 2016. It should reach 1.8 billion by 2030.

A growing number of these travelers are, and will be, from an older generation and/or with a disability.

#### Air transport needs to adapt to an aging population

- The World Health Organization (WHO) says life expectancy in Western societies increased by 22 years since the 50's.
- 810 million people are 60 or older.
- In the U.S. alone, the 65 and older group will double by 2040 and represent 20 per cent of the total population (U.S. Census Bureau).
- Worldwide today, almost one person in ten is over 60. By 2050, it will be one in 5.
- According to WHO, where life expectancy is over 70, individuals live on average eight years with a disability.

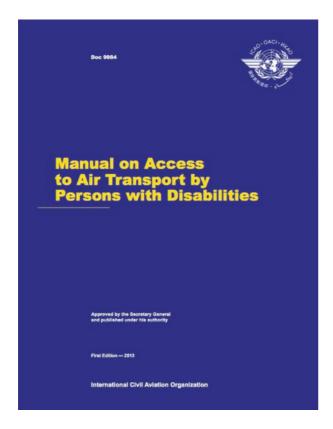
#### The baby boomer generation as the catalyst:

- Prominent by size, level of education, purchasing power and propensity to claim.
- Desire and financial means to travel after retirement.
- Retired boomers will control 50 per cent of total tourism spending and 40 per cent will have some form of disability; by 2020, 25 per cent of worldwide tourism spending will be by persons with a disability.

#### **Fundamental Rights and International** Commitments

The Declaration on the Rights of Disabled Persons was adopted some 40 years ago already, while the United Nations Convention on the Rights of Persons with Disabilities calls for States to treat people with disabilities "...on an equal basis with others, [with access] to the physical environment, to transportation, to information and communications, (...) and to other facilities and services open or provided to the public, both in urban and in rural areas." (Article 9)

39



#### "Freedom to Move"

Much progress has been made in recent years by the air transport sector to improve services to persons with disabilities. Nevertheless, remaining obstacles represent a significant deterrent for people with disabilities to opt for air travel. They appear below, along with related recommendations:

- 1) Access to toilets on board aircraft and current size of facilities is the #1 obstacle. Toilets should be larger and adapted. No one should suffer the humiliation of having to use the toilet while leaving the door open. ICAO's "Manual on Access to Air Transport by Persons with Disabilities" recommends that airplanes have to be equipped with accessible toilets. (Chapter 9, Aircraft, Aircraft Accessible Features, section 9.1 and 9.2.)
- 2) People with mobility impairment are assigned regular seats. This makes access and transfer to seats more difficult. It forces other passengers to climb over the disabled passenger to leave his/her seat. It is also an important safety issue. Seats should be allocated in more accessible locations, with more legroom to facilitate transfers and easier access to toilets.
- 3) Standard wheelchairs cannot be used in aircraft. An adapted, universal model should be developed and available on all aircraft. This would provide optimum flexibility for passengers and operators when booking a flight or in cases of last-minute substitution of aircraft.

- 4) Lack of information of staff on the ground and in the air concerning persons with disabilities. All staff in contact with travelers should be trained in dealing with persons with any kind of disability motor, auditory, visual, intellectual and perhaps social/emotional.
- 5) People with mobility impairment too often arrive at destination with their mobility aid (wheelchair and others) damaged. Mobility aids today are more sophisticated and adapted to personal needs. They often need special attention. Handling procedures should be revised and updated.
- **6)** Airport information desks and/or airline counters for people with disabilities are not standardized or easily identifiable. Counters should be adapted to the right height and easy to locate.
- 7) Finding information about accessible services offered at airports is often difficult. All airports should have such information readily available, in multiple formats and on the Internet

# The 2016 World Tourism Day – "Tourism for All, promoting universal accessibility"

In his address to the 2016 World Tourism Day, which takes place every year on 27 September, the Secretary General of the World Tourism Organization, Mr Taleb Rifai, emphasized that:

"Accessibility for all should therefore be at the heart and at the center of tourism policies and business strategies. [...]

We thus urge all countries and destinations, as well as the industry stakeholders, to promote accessibility for all in the physical environment, in transport systems, in the information and communications channels."

\* **Kéroul**, a Montréal community based organization, was founded in 1979 and is devoted to the development of accessible tourism for all. Its main activities are the evaluation of accessibility of tourist establishments, training of front-line staff and promotion of accessible travel throughout Québec. Kéroul organized the 1st World Summit Destination for All held in Montréal in 2014, with the collaboration of the UNWTO.

# ICAO Member States

Afalaanistan 100	Democrate 400	L'ab	C 4/E
Afghanistan 133	Denmark 193	Lithuania 212	Samoa 165
Albania 180	Djibouti 50	Luxembourg 213	San Marino 225
Algeria 181	Dominican Republic 269	Madagascar 60	Sao Tome and Principe 126
Andorra 182	Ecuador 294	Malawi 61	Saudi Arabia 254
Angola 45	Egypt 245	Malaysia 148	Senegal 127
Antigua and Barbuda 262	El Salvador 270	Maldives 152	Serbia 226
Argentina 286	Equatorial Guinea 89	Mali 98	Seychelles 66
Armenia 183	Eritrea 51	Malta 214	Sierra Leone 128
Australia 134	Estonia 194	Marshall Islands 153	Singapore 166
Austria 184	Ethiopia 52	Mauritania 99	Slovakia 227
Azerbaijan 185	Fiji 142	Mauritius 62	Slovenia 228
Bahamas 263	Finland 195	Mexico 276	Solomon Islands 170
Bahrain 244	France 196	Micronesia	Somalia 68
Bangladesh 135	Gabon 92	(Federated States of) 154	South Africa 69
Barbados 264	Gambia 93	Monaco 215	South Sudan 70
Belarus 186	Georgia 200	Mongolia 155	Spain 229
Belgium 187	Germany 201	Montenegro 216	Sri Lanka 171
Belize 265	Ghana 94	Morocco 217	Sudan 255
Benin 80	Greece 202	Mozambique 63	Suriname 299
Bhutan 136	Grenada 271	Myanmar 156	Swaziland 71
Bolivia	Guatemala 272	Namibia 64	Sweden 230
(Plurinational State of) 287	Guinea 95	Nauru 157	Switzerland 231
Bosnia & Herzegovina 188	Guinea-Bissau 96	Nepal 158	Syrian Arab Republic 256
Botswana 47	Guyana 295	Netherlands 218	Tajikistan 232
Brazil 288	Haiti 273	New Zealand 159	Thailand 172
Brunei Darussalam 137	Honduras 274	Nicaragua 278	The former Yugoslav
Bulgaria 189	Hungary 203	Niger 100	Republic of Macedonia 233
Burkina Faso 81	Iceland 204	Nigeria 101	Timor-Leste 173
Burundi 48	India 143	Norway 219	Togo 129
Cabo Verde 82	Indonesia 144	Oman 252	Tonga 174
Cambodia 138	Iran (Islamic Republic of) 246	Pakistan 160	Trinidad and Tobago 282
Cameroon 83	Iraq 247	Palau 161	Tunisia 234
Canada 266	Ireland 205	Panama 296	Turkey 235
Central African Republic 84	Israel 206	Papua New Guinea 162	Turkmenistan 237
Chad 85	Italy 207	Paraguay 297	Uganda 72
Chile 289	Jamaica 275	Peru 298	Ukraine 238
China 139	Japan 145	Philippines 163	United Arab Emirates 257
Colombia 292	Jordan 248	Poland 220	United Kingdom 239
Comoros 49	Kazakhstan 209	Portugal 221	United Republic
Congo 86	Kenya 53	Qatar 253	of Tanzania 73
Cook Islands 140	Kiribati 146	Republic of Korea 164	United States 283
Costa Rica 267	Kuwait 249	Republic of Moldova 222	Uruguay 300
Côte d'Ivoire 87	Kyrgyzstan 210	Romania 223	Uzbekistan 240
Croatia 190	Lao People's Democratic	Russian Federation 224	Vanuatu 175
Cuba 268	Republic 147	Rwanda 65	Venezuela
Cyprus 191	Latvia 211	Saint Kitts and Nevis 279	(Bolivarian Republic of) 301
Czech Republic 192	Lebanon 250	Saint Lucia 280	Viet Nam 176
Democratic People's	Lesotho 59	Saint Vincent and the	Yemen 258
Republic of Korea 141	Liberia 97	Grenadines 281	Zambia 74
Democratic Republic	Libya 251		Zimbabwe 75
of the Congo 88	<b>,</b>		



# ICAO EAST AND SOUTH AFRICA

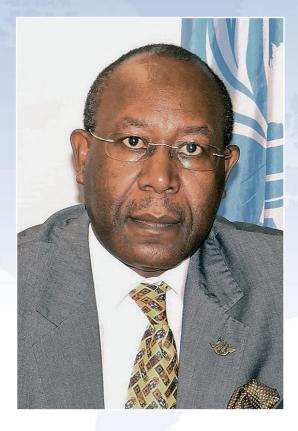






# EAST AND SOUTH AFRICA





**Mr Barry Kashambo** Regional Director



#### Eastern and Southern African (ESAF) Office

New Office Facility, Block 4, South wing, Ground floor United Nations Office at Nairobi Limuru Rd., Gigiri, Nairobi Kenya

Tel.: **+254 20 7622 395, 7622 396** E-mail: **icaoesaf@icao.int** 

# Member States – 24

- Angola
- Botswana
- Burundi
- Comoros
- Djibouti
- Eritrea
- Ethiopia
- Kenya
- Lesotho
- Madagascar
- Malawi
- Mauritius

- Mozambique
- Namibia
- Rwanda
- Seychelles
- Somalia
- South Africa
- South Sudan
- Swaziland
- Uganda
- United Republic of Tanzania
- Zambia
- Zimbabwe



**AVIATION SAFETY AND MANAGEMENT SOLUTIONS** FOR EFFECTIVE AND SUSTAINABLE IMPLEMENTATION

# INTRODUCING AVIATION SAFETY MANAGEMENT

Aviation Safety Management (AviationSM) provides integrated and developmentcentered aviation safety- and management-related services to State civil aviation authorities and aviation service providers. It has been established with the express intent of offering effective and implementable solutions that take into account the overall aviation system in the State and promote self-sufficiency through the development of internal capabilities.

> **OPERATIONS STARTING IN JANUARY 2017 FURTHER DETAILS AT WWW.AVIATIONSM.ORG**



"AviationSM does not believe in perpetuating dependency and is committed to partnering with its clients to build their

internal capacity and ensure sustainability and continuous improvement. AviationSM experts have extensive experience

Capt. Haile Belai, Founder and General Manager

info@aviationsm.org www.aviationsm.org

in their respective fields and are dedicated to delivering at the highest level of professionalism and integrity."







# ANGOLA



# Relationship with



11 March 1977 – Notification of adherence to the Chicago Convention

#### ▼ Kalandula Falls





▲ Serra da Leba Pass

# State Facts and Figures

#### Capital

Luanda

#### Official Languages

Portuguese

#### Currency

Kwanza (AOA)

#### Area

1 246 700 km<sup>2</sup>

#### Population

25.8 million

#### **Gross Domestic Product**

USD 131.4 billion USD 5 935 per capita

## Country Telephone Code

244

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

23

# International Passenger Traffic

1.4 million passengers

#### International Cargo Traffic

28 514 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

16

## **Preparing for Tomorrow**

- In the last seven years, Angola has carried out the rehabilitation and modernization of 16 airports in various cities, including Saurimo, Luena, Uige, Malange Kuito, Lubango, Cuito Canavale, Benguela, Cabinda, Catumbela, Huambo, Menongue, and Namibe, Soyo e Kuanza Norte. Under rehabilitation is the Kamankezo airport, in Dundo City.
- Major improvements were made to air terminals, runways, taxiways, aprons and car parking areas. Terminals were increased in terms of capacity and passenger comfort. All aircraft movement areas received new lighting systems.
- ◆ A new airport was built in Luau and construction on the new International Airport of Luanda is under way. Located 40 km southeast of the city, it will occupy an area of 430 000 m² and capable of handling annually about 100 500 aircraft movements and 50 000 metric tonnes.- It will also handle Airbus A380.
- The new airport will have two air areas: a South Zone, with a code 4F airstrip and a CAT II precision approach system, and a North Zone, with a code 4E airstrip and CAT I precision approach system.

## Did You Know... Travel and Tourism

Angola is a country of charm and natural beauty, with a vast array of incredible attractions waiting to be discovered - paradisiac beaches, a spectacular flora and fauna, a rich culture and typical cuisine. The country also has a fairly consolidated hotel complex in the traditional destinations of Luanda, Benguela, Kwanza South, Huila, Malange, Kuando Kubango and Huambo.

# MORE ABOUT ANGOLA

# Progress through Pride and Partnerships





The Republic of Angola is a proud signatory to the Chicago Convention and respectfully carries out its responsibilities for the provision of air navigation services, in the continental space under its jurisdiction and delegated airspace over the Atlantic Ocean.

Accordingly, Angola aims to continually increase operational safety and improve airspace management, in compliance with ICAO Standards and Recommended Practices, procedures and related policies. This includes programmes for the modernization of Communications, Navigation, Surveillance / Air Traffic Management (CNS / ATM) systems.

One specific initiative, Programme Management and Civil Airspace Control, consists of two phases. Phase One, known as "Quick Win", is completed and involved the restoration of a communication system of VHF-ER remote stations in the Flight Information Region (RIV) of Luanda.

Phase Two is a long-term undertaking. It is based on a needs assessment and operational technical requirements for the implementation of surveillance systems (MSSR and ADS-B), air navigation support equipment (DVOR/DME and ILS CAT II) and consolidation of a land-air communications system. Other components of Phase Two are:

- A national Performance Based Navigation Plan, complete with a detailed activity schedule for its implementation
- Implementation of ADS-C / CPDLC systems for coverage in the Flight Information Region (RIV) Ocean
- Migration and consolidation of AFTN to AMHS
- Transition from AIS to AIM

Angola recently held a number of key, high-level meetings to ensure that its various programmes and strategies were on target and consistent with national and regional obligations. Of primary importance was the 5<sup>th</sup> meeting of the Project Steering Committee on Air Transport Improvement of Central Africa, held in Luanda. It was attended by the Chairman of the Economic Community of Central African States (CEEAC) and by representatives of the Civil Aviation Authorities of CEEAC member countries.

Mr Mario Miguel Domingues, Secretary of State for Civil Aviation, opened the meeting on behalf of His Excellency the Minister of Transport of Angola.

The purpose of the meeting was to assess the degree of compliance with scheduled activities in fulfilling the requirements of the ATA-AC project, such as:

- Support for the establishment of the Agency for Supervision of Civil Aviation in Central Africa
- Empowering civil aviation security managers in Central Africa.
- Development of a rehabilitation action plan of the main airports
- Strengthening capacity of the regional organization and contributing to the harmonization of the Agency's capacity for oversight of civil aviation in Central Africa ASSA-AC

From 14 to 18 March of 2016, under the aegis of the EASA, a technical training course was held in Luanda for aeronautical inspectors of the National Institute of Civil Aviation. The aim was to raise the overall level of operational safety of civil aviation and check the safety level of foreign aircraft landing in our territory.

In the coming years, Angola will pursue the collaborative route in providing its citizens and visitors with air transport services of the highest quality.



# BOTSWANA



# Relationship with



28 December 1978 – Notification of adherence to the Chicago Convention

▼ Refurbished Francistown Airport Building





▲ Sir Seretse Khama Airport Carrousel

# State Facts and Figures

#### Capital

Gaborone

#### Official Languages

English, Setswana

#### Currency

Pula

#### Area

602 957 km<sup>2</sup>

#### Population

2 million

#### **Gross Domestic Product**

USD 15.8 billion USD 7123 per capita

Country Telephone Code

# Air Transport Statistics

#### International Airports

4

#### Domestic Airports

2

# International Passenger Traffic

412 609 passengers

#### International Cargo Traffic

685 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

5

## **Preparing for Tomorrow**

- ➡ All four major international airports Sir Seretse Khama International, Maun International, Kasane International and Francistown International - are undergoing or have already undergone major refurbishment.
- A new state-of-the-art-building being erected at Kasane, featuring a wide range of environmental considerations, is set for completion in June 2016. In Maun, work is underway for the construction of a new terminal building.
- In addition, the Civil Aviation Authority of Botswana intends to build an airport city around Sir Seretse Khama International Airport. This will help the airport become a vibrant commercial centre, through the controlled expansion of high-quality areas for different uses and for the local and global industry.

## Did You Know... Travel and Tourism

On Botswana's far northern border lies the great Okavango Delta, one of the world's most attractive wildlife tourism destinations and a recently listed UNESCO World Heritage Site. You can take off from Maun by helicopter or light aircraft to get a bird's eye view and take some amazing photographs of the Okavango.





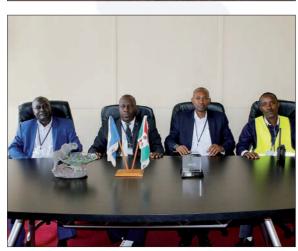
# Relationship with



19 January 1968 – Notification of adherence to the Chicago Convention

▼ Drummers as symbol of the Burundian culture





▲ Burundi CAA top management team

# State Facts and Figures

#### Capital

Bujumbura

#### Official Languages

Kirundi, French

#### Currency

Burundian Franc

#### Area

27 834 km<sup>2</sup>

#### Population

8.1 million

#### **Gross Domestic Product**

USD 3.1 billion USD 286 per capita

#### Country Telephone Code

257

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

3

# International Passenger Traffic

220 695 passengers

#### International Cargo Traffic

2 530 metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

4

## **Preparing for Tomorrow**

- In recent years, Burundi civil aviation and air transport systems have been restructuring in order to prepare for future challenges. The development of civil aviation related activities is a priority for Burundi, with the full realization that much remains to be done.
- Looking ahead, Burundi plans to enhance its airport infrastructure to cater to larger volumes of traffic and to respond to the demands of a growing business and tourism clientele.
- Among many other areas to explore, Burundi will focus on taking advantage of new technologies and modern equipment to support its commitment to a sound and future-oriented air transport system.

## Did You Know... Travel and Tourism

One of the smallest countries in Africa, Burundi is landlocked and has an equatorial climate. There are two national parks, Kibira National Park to the northwest and Ruvubu National Park to the northwest. Both were established in 1982 to conserve wildlife populations.





# Relationship with



15 January 1985 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Moroni

#### Official Languages

Comorian, Arabic, French

#### Currency

Franc

#### Area

1861 km<sup>2</sup>

#### Population

717 503

#### **Gross Domestic Product**

USD 647.7 million USD 860 per capita

**Country Telephone Code** 

269

# Air Transport Statistics

#### International Airports

N/A

#### **Domestic Airports**

N/A

#### International Passenger Traffic

N/A

# International Cargo Traffic

A/k

# National Airlines with International Services

N/A

#### Foreign Airlines

N/A

## **Preparing for Tomorrow**

- The Comoros registered a steady increase in the number of aircraft movements, up from 5 059 in 2012 to 7 086 in 2015.
- ◆ A new terminal was added to the Prince Said Ibrahim International Airport, or AIMPSI, and two secondary airports were constructed in Mohéli, Ouani Anjouan and Bandar es Salam.
- As part of a major investment programme for its airport and air navigation infrastructure, a new surveillance radar system was purchased in 2014 and, in 2016, ASECNA is to inaugurate a new building to house its representation in the Comoros.
- Since 2010, the country has signed bilateral air services agreements with a number of States, including the Seychelles and Turkey.
- ANACM, the Agence nationale de l'aviation civile et de la météorologie, has signed an agreement with ICAO to support the implementation of the Organization's Standards and Recommended Practices, and related procedures.
- In 2008, ANACM became autonomous, as recommended by ICAO.

## Did You Know... Travel and Tourism

The mountainous islands have diverse microecologies with spectacular scenery, rare animals and exotic plants, some of which have medicinal properties unknown to western science. As a nation formed at a crossroads of many civilizations, the archipelago is noted for its diverse culture and history.





# Relationship with WICAO



30 June 1978 - Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

#### Capital

Djibouti City

#### Official Languages

French, Arabic

#### Currency

Djiboutian Franc

#### Area

23 180 km<sup>2</sup>

#### Population

859 652

#### **Gross Domestic Product**

USD 1.6 billion USD 1784 per capita

#### **Country Telephone Code**

## **Air Transport Statistics**

#### International Airports

#### Domestic Airports

N/A

#### International **Passenger Traffic**

N/A passengers

#### International Cargo Traffic

N/A metric tonnes

#### National Airline) with International Services

N/A

#### Foreign Airlines

N/A

## **Preparing for Tomorrow**

Situated in the Horn of Africa, at the meeting point of three continents - Africa, Asia and Europe - Djibouti International is a hub for commercial flights.

## Did You Know... Travel and Tourism

Djibouti is strategically located near the world's busiest shipping lanes, providing access to the Red Sea and Indian Ocean. It serves as a key refueling and transshipment center.



# ERITREA\*



## Relationship with



17 September 1993 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Asmara

#### Official Languages

Tigrinya, Arabic, English

#### Currency

Nakfa

#### Area

101 000 km<sup>2</sup>

#### Population

6.1 million

#### **Gross Domestic Product**

USD 3.9 billion USD 590 per capita

Country Telephone Code

291

# Air Transport Statistics

#### International Airports

N/A

#### Domestic Airports

N/A

# International Passenger Traffic

N/A passengers

#### International Cargo Traffic

N/A metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

N/A

## **Preparing for Tomorrow**

○ In the State of Eritrea there are two autonomous airport operators namely Asmara International Airport Management (AIAM) and Massawa International Airport Management (MIAM).

## Did You Know... Travel and Tourism

Asmara boasts some of the most shining collection of colonial architectural wonders in Africa.



# ETHIOPIA



## Relationship with ICAO



1 March 1947 - Deposit of instrument of ratification of the Chicago Convention

Axum Airport tower





Addis Ababa Bole International Airport tower

# **Facts and Figures**

#### Capital

Addis Ababa

#### Official Languages

Amharic

#### Currency

Birr

#### Area

1 million km<sup>2</sup>

#### Population

98.9 million

#### **Gross Domestic Product**

USD 54.8 billion USD 567 per capita

#### **Country Telephone Code**

## **Air Transport Statistics**

#### International Airports

#### Domestic Airports

16

#### International Passenger Traffic

6.7 million passengers

#### International Cargo Traffic

202 958 metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

## **Preparing for Tomorrow**

 Building and maintaing an internationally competent and secured civil aviation.

## Did You Know... Travel and Tourism

Major tourist attractions - Northern Stelae Field seat of the ancient Ethiopian civilization (Axum), Rock-Hewn Churches and World Cultural Centre (Lalibela), Simien Mountains National Park (Gonder), Danakil Depression (Afar Region), Red Terror Martyrs Memorial Museum and National Museum (Addis Ababa), Blue Nile Falls (Bahar Dar), Bale Mountains (Goba) and Omo National Park and River (Jinka).





# Relationship with



1 May 1964 – Notification of adherence to the Chicago Convention

▼ 8th Wonder of the World - Wildebeest migration





▲ Gold Medal in Men's 800m - Rio 2016

# State Facts and Figures

#### Capital

Nairobi

#### Official Languages

English, Kiswahili

#### Currency

Kenyan Shilling

#### Area

581 313 km<sup>2</sup>

#### Population

44.2 million

#### **Gross Domestic Product**

USD 61.4 billion USD 1300 per capita

## Country Telephone Code

254

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

500

# International Passenger Traffic

5.6 million passengers

#### International Cargo Traffic

259 002 metric tonnes

# National Airlines with International Services

13

#### Foreign Airlines

63

## **Preparing for Tomorrow**

- Kenya is the largest aviation hub in East and Central Africa, with over 70 per cent of the regional aviation activity.
- Jomo Kenyatta International Airport is the leading cargo hub in Africa.
- Kenya Airways is one of the leading airlines in Africa.
- Kenya's Ministry of Transport, Housing and Urban Development, in collaboration with the World Bank, has made it possible in recent years for the Kenya Civil Aviation Authority to invest in new air n avigation equipment. The aim is to comply with the AFI Region's Air Navigation Plan and planned ASBU requirements for Block 0, as well as to offer world-class services to the users of our air space.
- The East African School of Aviation (EASA) is an ICAO Regional Centre of Excellence.
- EASA was the first institution in Africa to offer a Masters programme in Aviation Management.
- Kenya has 1 365 aircraft in its register.
- Total passenger traffic for 2015 was 8.9 million.
- Total aircraft movements was 306 650.

## Did You Know... Travel and Tourism

Kenya has in the last five years upgraded the infrastructure of many of its airports and is undertaking a major project to greatly increase the capacity of its main airport in Nairobi.

# Karibu and Make It Kenya!



KCAA headquarters

Yes, welcome to Kenya, the land of unlimited possibilities, Africa's rising star!

The world agrees. Kenya is today ranked the 4<sup>th</sup> largest economy in Sub-Saharan Africa, with a GDP in excess of USD 60 billion. The World Economic Forum's country competitiveness report places Kenya 1st in Africa in terms of quality of human capital, availability of research and innovation, making it the place to be as an investor.

In fact, in a 2015 report, the World Bank says Kenya is one of the most improved countries in the Ease of Doing Business segment. The 2015 February issue of Fortune Magazine named Kenya as the best African emerging economy to invest in due to accelerated infrastructure development and a stable political and macroeconomic environment. In addition, Kenya stands to significantly benefit from its diversified economy that is increasingly attracting inflows from a strong service sector, compared to other large African economies that are supported by extractive industries such as oil, gas and minerals.

With 72 per cent of its population having Internet access (35.5 million users), Kenya has one of the highest rates of urban Internet access in Africa, making it ideal for investment in this information age. The country is set to benefit from a major demographic dividend courtesy of its younger generation, representing close to 70 per cent our of a population of 44.4 million. With its East African Community and COMESA memberships, Kenya provides investors access to the wider consumer market of up to 400 million people.

Internationally, Nairobi is home to the Regional Office of ICAO and the only UN headquarters outside of Europe: UNEP and UN Habitat. Kenya is also host to global multinationals established in Africa.

#### The Place to Visit!

The country boasts of numerous unique tourist attractions with the Wildebeest Migration being one of the Seven New Wonders of the world. Kenya has won international acclaim as the authentic wildlife safari destination. The latest Country Brand Index (CBI) reports 82 per cent brand loyalty among visitors to Kenya, with the main contributing factor being the generosity, warmth and hospitality of the Kenyan people.

No wonder that tourism is one of the most important socio-economic sectors in Kenya. It contributes 10.5 per cent to the Gross Domestic Product (GDP) and employs about 9.2 per cent (206 000) of the total wage workforce in the country.

The sector has high multiplier effects as its growth stimulates further development in other sectors of the economy. The Kenya Vision 2030 blueprint recognizes the importance of the sector and envisages Kenya to be among the leading long-haul tourist destinations in the world, offering a high value, distinct and diverse visitor experience.

#### Easy to get to!

Access to Kenya has been made easier, more efficient and more comfortable than ever before.

With its ideal geographical location, coupled with strategic investments in airport expansion, Kenya Airways and Mombasa Seaport, Kenya is truly Africa's transport hub. To top it all off, Kenya Airways recently clinched the Africa's Leading Airline award at the World Travel Awards, reassuring the world of Kenya's commitment to deliver quality service with the desired efficiency.

It can be said that Kenya has raised the bar for the aviation industry in Africa.

The Expansion of Kenya's main aviation facility – the Jogo Kenyatta International Airport (JKIA) – to world-class standards has gone a notch higher with the addition of two new modern terminals.



Security at JKIA now abides by global industry requirements to separate departing and arriving passengers.

And the completion of the Civil Aviation Complex, the new headquarters of the aviation industry regulator, Kenya Civil Aviation Authority (KCAA), follows through on a safety oversight audit finding by removing the possibility of conflict of interest between the KCAA and the Kenya Airports Authority (KAA) that previously housed it.

For its part, the modernization of the air navigation infrastructure according to ICAO Standards and procedures has greatly improved air traffic management, while ensuring safety and security of the Kenyan airspace. Enhancements include the installation of modern Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM)

at the airports, implementation of Global Navigation Satellite Services (GNSS) and Performance Based Navigation (PBN), as well as other technologies with high surveillance capabilities.

Kenya further recognizes training and capacity building as important human capital development for continued safety, efficiency and sustainability. The country has made efforts to invest in the state-of-art training facilities like the 3Dimension (3D) Air Traffic Control, Search and Rescue Simulators, Aviation Security Screening Simulators, a new State-of-the-art Library complex, among other initiatives.

Combined, these achievements place Kenya at the cutting edge of the global aviation industry.



## Interview with the Representative of Kenya on the ICAO Council

# Ms Mercy Awori



#### What prompted Kenya to seek a seat on the Council?

Simply put, to contribute to global aviation.

Kenya set the tone quite early when it first joined the Council in the 60's and served for several years to ensure continued representation for the region, as most countries in our region were preparing themselves to join the Council. Coming back to the Council in 2013 was to ensure we continue to play our role by providing leadership in our region and continent.

Our Vision 2030 National Plan clearly recognizes the fundamental importance of air transport to the economic and social development of our country and region. We consider our aviation industry as an integral part of Africa's aviation system together with others in Africa. Through our airlines, we are providing the much-needed connectivity in the continent.

The ICAO 'No Country Left Behind' campaign fits very well with our aspirations, since we want to continue to contribute to the work of ICAO by sharing our growing expertise and experience. We believe we have something to bring to the table

and we are continuously seeking ways of cooperation with others to realize the objectives of ICAO on air navigation capacity and efficiency, safety, security, sustainable development of air transport and environmental protection.

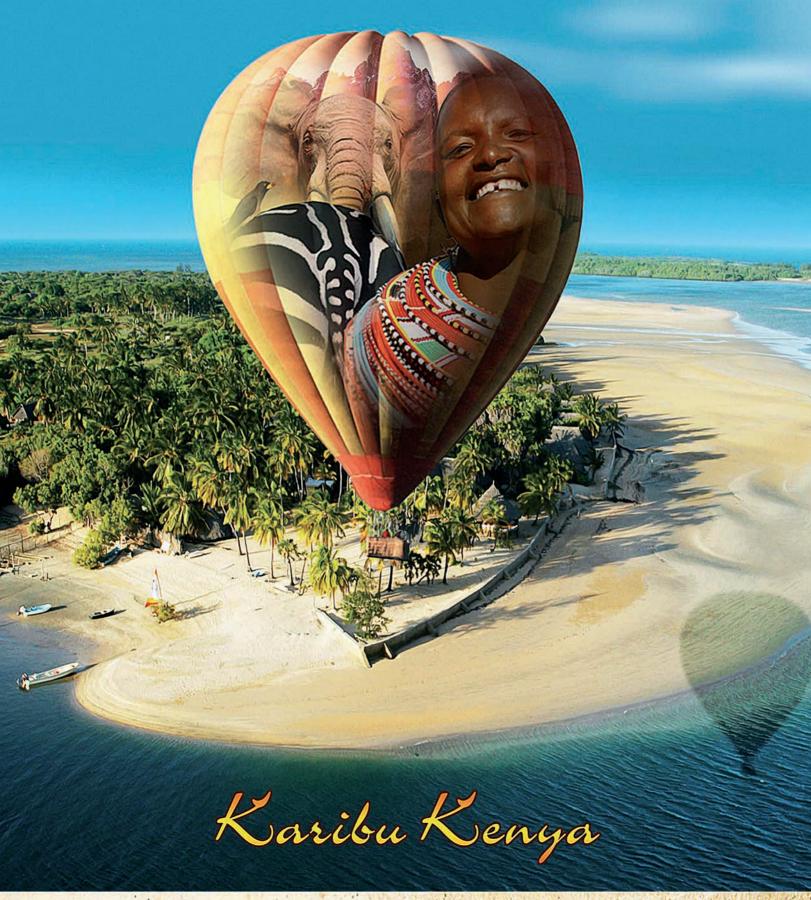
Our goal is to transform our region into the next oasis for business in the region. Indeed, harmony through widespread cooperation with all stakeholders should be the guiding force as we realize the vision of an African aviation industry aligned with the promise of the 21st Century as "Africa's century".

# Do you have personal objectives during your mandate?

Certainly I do, in terms of collaboration, excellence and posterity.

The rotational office is designed to serve as a catalyst to facilitate the involvement of our countries in the affairs of ICAO. During my first mandate, I was building a firm foundation upon which we can have a productive interface with all States in the region during the next triennium. In some countries, the role of ICAO is viewed more as an enforcement agency than a vital partner for success. My goal is to foster closer links between ICAO and the Member States. We need to sensitize political leaders and DGCAs of the immense value and mechanics of working more closely with ICAO at Headguarters and through its Regional Offices around the world. Given the rapid turnover of staff in some States, administration is becoming a critical issue and there is a need to devise ways to attract and retain qualified staff, step up training and human resources recruitment focussing on the next generation. Despite the challenges, I am optimistic that the collaborative approach adopted will enhance partnership, cooperation and broaden access to expertise.

Finally, to spur demand, Africa must continue to invest in aviation accordingly, develop attractive hub systems, strong regulators, lean and nimble operators capable of competing globally. At the same time the voice of our States must be heard on the international stage and I believe Kenya will effectively represent our region on common interests, as she continues to build relationships with other States on the Council, to provide Member States the best service possible.



Within the borders of Kenya, you will find savannahs rich with game, timeless cultures unchanged by the modern world, pristine beaches, snow-capped mountain and world-class resorts. A country unlike any other where endless opportunities for adventure, discovery and luxury are more than you would ever expect.

Welcome to magical Kenza





# A New Passenger Experience at JKIA!

Jomo Kenyatta International Airport (JKIA) has two new terminals – Terminal 1A and Terminal 1E. Both greatly improve the airport's passenger experience.

The new terminals are part of the on-going expansion and modernization of JKIA, in a bid to make it the hub of choice into the region, in terms of design and comfort and level of services provided.

While Terminal 1A is dedicated for the use of national carrier Kenya Airways and its Sky Team partners, Terminal 1E serves as the International Arrivals Terminal.

#### **Terminal 1A**

The new state-of-the-art terminal has been designed to allow for the free-flowing movement of passengers in a spacious environment and a clear division between arriving, departing and transiting passengers. Features of the new Terminal 1A include:

- Some 30 check-in counters, 12 departure gates, a baggage handling system with a top-level inline luggage security system, 9 passenger boarding bridges, CCTV access control and fire detection
- Premium passenger lounges, restaurants, financial and telecommunication services, as well as shopping areas
- 5 baggage reclaim carrousels, with a minimum capacity of 640 bags per belt p/hr.,
- A total of 550 seating positions
- Capacity for 1 550 departing and 1 125 arriving peak-hour passengers, with transfer functionality

#### Terminal 1E

Terminal 1E is a semi-permanent facility built after a major 2013 fire destroyed the airport's international arrivals building. While the Airport Authority remodels Terminals 1B, C and D, Terminal 1E offers travellers the full range of amenities and services they have come to expect from a modern, efficient airport. Features include:

- Capacity to handle approximately 1000 arriving and 800 transferring passengers an hour during peak travel times
- 1 lift, 5 luggage reclaim carrousels (including luggage screening), modern security systems in all areas (access control, CCTV and fire detection), 18 immigration counters and 317 seating positions
- Banking services, a forex bureau, a restaurant and shopping areas
- Passenger premium lounges





# LESOTHO



# Relationship with



19 May 1975 – Notification of adherence to the Chicago Convention

▼ Afriski mountain resort





▲ Pony trekking

# State Facts and Figures

#### Capital

Maseru

#### Official Languages

Sesotho, English

#### Currency

Maluti

#### Area

30 360 km<sup>2</sup>

#### **Population**

2 million

#### **Gross Domestic Product**

USD 2.2 billion USD 1 034 per capita

Country Telephone Code

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

30

# International Passenger Traffic

36 585 passengers

#### International Cargo Traffic

A/N

National Airlines with International Services

1

#### Foreign Airlines

1

## **Preparing for Tomorrow**

- The Government of Lesotho is planning to restructure both the Department of Civil Aviation and Moshoeshoe I International Airport, in order to separate regulation and service provision.
- The rehabilitation of Moshoeshoe I International Airport is expected to begin in September 2016. Elements to be covered by the project include:
  - widening/strengthening the perimeter and access roads
  - strengthening of the runway, apron and taxiways
  - widening of the runway shoulders
  - •installation of a new aeronautical ground lighting system
  - installation of runway and taxiway signs
  - improving the terminal building, featuring new airline check-in and check-out system, a new security screening system and screening machines, along with walk-through and hand-held medal detectors
  - improvements also to the security of the VIP lounge
  - staff training and equipment upgrades
- All of these upgrades are designed to enhance safety and security standards, including emergency preparedness.

## Did You Know... Travel and Tourism

The Ministry of Tourism is a member of the National Facilitation and Security Committee. Lesotho Tourism Development Corporation is charged with the promotion of tourism in the country. Lesotho has all its land lying above 1 000 metres, which explains its cool and cold weather. As a result, we boast remarkable skiing adventures here in our motherland of Africa. EXPLORE THE KINGDOM IN THE SKY!





# Relationship with \*\* ICAO



14 April 1962 - Notification of adherence to the Chicago Convention

# Lemurs of Tsingy de



▲ The new Ivato Airport

# **Facts and Figures**

#### Capital

Antananarivo

#### Official Languages

Malagasy, French

#### Currency

MGA/Ariary

#### Area

587 925 km<sup>2</sup>

#### Population

20.7 million

#### **Gross Domestic Product**

USD 10.6 billion USD 449 per capita

#### **Country Telephone Code**

## **Air Transport Statistics**

#### International Airports

#### **Domestic Airports**

#### International **Passenger Traffic**

628 580 passengers

#### International **Cargo Traffic**

12 512 metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

## **Preparing for Tomorrow**

- The tourism sector greatly contributes to economic growth. Madagascar aims to triple the number of tourists to the island by 2020. This requires a strong air transport industry, with the capacity to welcome year over year a rapidly increasing number of visitors. The following action plan has been developed to that end:
  - Improving air connectivity. The Madagascar Aviation Authority is implementing the Government's liberalization policy, notably by reviewing existing bilateral agreements in order to facilitate market access both on international and domestic routes.
  - Building an appropriate and efficient infrastructure. Emphasis will be placed on the modernization and expansion of airports, to increase operational capacity and facilitate the flow of passengers.
  - Focusing on service quality improvements. In further developing the route network, increasing the frequency and the regularity of air services will remain a priority.
  - Ensuring a high level of safety throughout the system.
  - Developing a CO<sup>2</sup> reduction programme.

## Did You Know... Travel and Tourism

Due to its geographic isolation in the middle of the Indian Ocean, Madagascar has developed over the millennia an exceptional fauna and flora as compared to that of the rest of the world. Among other characteristics, Malagasy natural resources are the most endemic, with about 75 per cent of species found in Madagascar that live nowhere else on the planet.





# Relationship with ICAO



11 September 1964 - Notification of adherence to the Chicago Convention

#### ▼ Southern Lakeshore





▲ Majete Wildlife Reserve

# **Facts and Figures**

#### Capital

Lilongwe

#### Official Languages

Chichewa, English

#### Currency

Malawi Kwacha

#### Area

94 280 km<sup>2</sup>

#### Population

15.9 million

#### **Gross Domestic Product**

USD 4.3 billion USD 250 per capita

#### Country Telephone Code

#### **Air Transport Statistics**

International Airports

Domestic Airports

#### International Passenger Traffic

457 572 passengers

# International Cargo Traffic

22 775 metric tonnes

**National Airlines with International Services** 

Foreign Airlines

## **Preparing for Tomorrow**

- The country has embarked on an implementation programme to recapitalize airport safety and security infrastructure, and strengthen institutional, regulatory oversight and human resources capacities within the framework of the Public Sector Investment Programme (PSIP) applicable to the aviation sector in Malawi.
- The undertaking has gathered greater momentum with the establishment and implementation by the Government of Malawi of the Public Sector Reforms Programme, which includes the creation of an autonomous civil aviation authority (CAA) component in a bid to address major deficiencies in the system through the restructuring of the sub-sector.

## Did You Know... Travel and Tourism

Malawi is one of the safest tourist destinations in the world, earning the accolade of "The Warm Heart of Africa". It is also known for its "Lake of Stars", Lake Malawi, the third largest fresh water lake in Africa. It spans 365 miles and 52 miles at its longest and widest points, and is nicknamed the "Calender lake", with a unique variety of marine life and wildlife in its National Park.



# **MAURITIUS**



# Relationship with



30 January 1970 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Port Louis

#### Official Languages

English

#### Currency

Mauritian Rupee

#### Area

2 040 km<sup>2</sup>

#### Population

1.3 million

#### **Gross Domestic Product**

USD 12.6 billion USD 10 016 per capita

#### Country Telephone Code

230

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

N/A

# International Passenger Traffic

948 511 passengers

#### International Cargo Traffic

47 074 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

19

## **Preparing for Tomorrow**

- DCA Mauritius is dedicated to the sound development of the national air transport industry.
- ◆ The Mauritius Flight Information Region, a class A airspace, covers some nine million km², including an oceanic airspace of 2.6 million km². It features ADS-C, CPDLC, extended VHF and User Preferred Route. A new control tower operational toward the beginning of 2018, will improve airport safety.
- Mauritius' airport infrastructure can handle very large aircraft. Two A380 flights operate daily between Mauritius and Dubai.
- Air Mauritius, the national airline, has enjoyed phenomenal growth and is one of a few consistently profitable airlines over the past decade. It has around 30 weekly flights to Europe and flies to India, the Far East, Australia and South Africa.
- An air corridor created between Africa and Asia/South East Asia, with Mauritius and Singapore as hubs, will enhance connectivity between Africa and Asia. Mauritius will thus become the gateway to Asia/South East Asia, through Singapore, for islands of the Indian Ocean and countries of Eastern and Southern Africa and vice versa.

## Did You Know... Travel and Tourism

Airports of Mauritius Ltd (AML) received the 2014/2015 Skytrax Leading Airport award in the Indian Ocean region and the 2014/2015 Best Airport award in the African region from Airports Council International (ACI).



# MOZAMBIQUE



# Relationship with



5 January 1977 – Notification of adherence to the Chicago Convention

▼ Nacala Airport





▲ Medjumbe Island

# State Facts and Figures

#### Capital

Maputo

#### Official Languages

Portuguese

#### Currency

Metical

#### Area

786 380 km<sup>2</sup>

#### Population

26.4 million

#### **Gross Domestic Product**

USD 15.9 billion USD 585 per capita

#### **Country Telephone Code**

258

# AirTransport Statistics

#### International Airports

4

#### **Domestic Airports**

8

# International Passenger Traffic

2 million passengers

#### International Cargo Traffic

14 299 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

9

## **Preparing for Tomorrow**

- The Mozambique Civil Aviation Authority is currently in the process of certifying two more airlines for the purpose of operating regular domestic flights. One of them is a low-cost airline. The entry of these airlines in the Mozambican market will result in greater travel alternatives for households and boost domestic tourism.
- O Mozambique continues to conclude air transport agreements with States that potentially represent additional opportunities for the national tourism market, while recognizing the need for a better strategic alignment between air transport and tourism.
- Attracting foreign direct investment is a priority for the development of the tourism industry, with the Government of Mozambique focusing on the civil aviation and tourism sector as a cornerstone of social and economic development in the country.

## Did You Know... Travel and Tourism

Tourism in Mozambique plays an important role among the group of sectors that are responsible for social and economic development, and that are involved in the fight against extreme poverty. Its tourism potential is extended to distant regions with wildlife and tropical forests, rivers, lakes and beautiful beaches, combined with the natural compassion of its native population.





# Relationship with



30 April 1991 – Notification of adherence to the Chicago Convention

# The Manufacture of the Control of th



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Windhoek

#### Official Languages

English

#### Currency

Namibian Dollar

#### Area

823 290 km<sup>2</sup>

#### Population

2.3 million

#### **Gross Domestic Product**

USD 13.4 billion USD 5 719 per capita

#### Country Telephone Code

264

# Air Transport Statistics

#### International Airports

2

#### **Domestic Airports**

N/A

#### International Passenger Traffic

293 385 passengers

#### International Cargo Traffic

9 236 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

5

## **Preparing for Tomorrow**

◆ Air transport is gradually developing, making Namibia one of the growth markets in Africa's fast-evolving air transport sector. Together, travel and tourism is expected by the World Travel & Tourism Council to add significantly to the GDP of Namibia.

## Did You Know... Travel and Tourism

Any visit to Namibia isn't complete without strolling through the quaint café culture of Windhoek, visiting Namibia's summer capital Swakopmund or straying off the beaten path to Ludertiz.





# Relationship with



3 February 1964 – Notification of adherence to the Chicago Convention

▼ Aerial view of Kigali International Airport





▲ Attractive sight of Rwanda's volcanoes

# State Facts and Figures

#### Capital

Kigali

#### Official Languages

Kinyarwanda, French, English

#### Currency

Rwandan Franc

#### Area

24 670 km<sup>2</sup>

#### Population

11.5 million

#### **Gross Domestic Product**

USD 7.9 billion USD 700 per capita

#### **Country Telephone Code**

250

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

2

# International Passenger Traffic

700 000 passengers

#### International Cargo Traffic

8 000 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

7

## **Preparing for Tomorrow**

- Rwanda is internationally known for ease of doing business.
- A MICE strategy has expanded a warm hospitality sector and unequalled customer care.
- The Republic of Rwanda is in favour of the liberalization of air transport across African skies.
- A national development strategy has earmarked aviation for major flagship projects, to support the sector as a driver of the vibrant Rwandan economy.

## Did You Know... Travel and Tourism

Surprising Rwanda...home of lions and the rare silver back gorilla, the famous Akagera National Park, the exciting Nyungwe forest visits and canopy walk outings, and unique paragliding experiences.



# SEYCHELLES



# Relationship with WICAO



25 April 1977 - Notification of adherence to the Chicago Convention

The Vallee De Mai on Praslin Island





▲ Seychelles International Airport, Mahe Island

# **Facts and Figures**

#### Capital

Victoria

#### Official Languages

English, French, Creole

#### Currency

Seychellois Rupee

#### Area

455 km<sup>2</sup>

#### Population

93 144

#### **Gross Domestic Product**

USD 1.4 billion USD 15 543 per capita

## **Country Telephone Code**

#### Air Transport **Statistics**

#### International Airports

#### Domestic Airports

#### International Passenger Traffic

340 134 passengers

#### International **Cargo Traffic**

10 032 metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

## **Preparing for Tomorrow**

- The Seychelles International Airport is upgrading its departure lounge to increase its seating capacity, from 400 seats to 650 seats.
- The international airport's arrival lounge is also undergoing expansion, to provide for a queuing capacity of 900 travellers at any given time.
- The Seychelles Civil Aviation Authority has embarked upon a "Go Green" campaign called An Eco Leap, with the tag line SCAA that embraces a greener environment. Under this campaign, the CAA has carried out many projects to introduce a more eco-friendly approach for its buildings and surroundings, as well as to help reduce its carbon footprint.

## Did You Know... Travel and Tourism

Victoria, the capital city of Seychelles, is the smallest capital in the world. The world's heaviest nut, the Coco De Mer, is also found in this archipelago.



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# Relationship with ICAO



2 March 1964 - Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

#### Capital

Mogadishu

#### Official Languages

Somali, Arabic

#### Currency

Somali Shilling

#### Area

637 000 km<sup>2</sup>

#### Population

10.5 million

#### **Gross Domestic Product**

USD 2.6 billion USD 288 per capita

#### **Country Telephone Code**

## **Air Transport Statistics**

#### International Airports

#### **Domestic Airports**

N/A

#### International **Passenger Traffic**

248 775 passengers

#### International Cargo Traffic

N/A metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

## **Preparing for Tomorrow**

- Despite experiencing civil unrest, Somalia has maintained a healthy informal economy based on livestock and money remittance
- Major air transport projects include a new terminal for Aden Abdulle International Airport, Mogadishu, a new control tower and a civil aviation school and the extension of the runway at Egal International Airport, Hargeisa.

## Did You Know... Travel and Tourism

Somalia is a potential tourism market in East Africa. It has the largest coastal belt in Africa, architectural heritage and beautiful pristine beaches, all assets for attracting tourists and vacationers.



# SOUTH AFRICA



# Relationship with



1 March 1947 – Deposit of instrument of ratification of the Chicago Convention

# SOUTHAFRICAN



# State Facts and Figures

#### Capital

Pretoria

#### Official Languages

11 official languages

#### Currency

Rand

#### Area

1 214 470 km<sup>2</sup>

#### Population

52.9 million

#### Gross Domestic Product

USD 350.1 billion USD 6483 per capita

#### Country Telephone Code

27

# Air Transport Statistics

#### International Airports

10

#### **Domestic Airports**

119

# International Passenger Traffic

34.8 million passengers

#### International Cargo Traffic

470 000 metric tonnes

#### National Airlines with International Services

5

#### Foreign Airlines

72

## **Preparing for Tomorrow**

- A report released by Oxford Economics in 2011 estimates that the aviation sector contributes over R50 billion to South Africa's gross domestic product. In addition, the aviation sector is said to support approximately 227 000 jobs in South Africa. The Department of Transport, in partnership with the South African Civil Aviation Authority, continues to develop and administer the country's civil aviation activities.
- Regarding global compliance, South Africa's level of effective implementation of security and safety standards was rated at 84 per cent by ICAO after the July 2013 ICAO Coordinated Validation Mission, which is above the global average of 60 per cent.
- South Africa is committed to minimizing the carbon footprint from aviation activities. Recently the country passed the Aviation Environmental Protection regulations, effective from 1 December 2015.
- In terms of innovation, South Africa introduced regulations for the flying of remotely piloted aircraft. These regulations came into effect on 1 July 2015, after comprehensive consultation with various role players and airspace users.

## Did You Know... Travel and Tourism

Vilakazi Street, in Johannesburg, is the only street in the world that once had two Nobel Prize winners as residents, being Dr Nelson Mandela and Archbishop Desmond Tutu. Further, the Cradle of Humankind, situated in South Africa, was declared a World Heritage Site in 1999. To top it all, Cape Town's Table Mountain was named one of the world's new seven wonders of nature in 2012.



# SOUTH SUDAN



# Relationship with \*\* ICAO



11 October 2011 - Notification of adherence to the Chicago Convention



# **Facts and Figures**

#### Capital

Juba

#### Official Languages

English

#### Currency

South Sudanese Pound

#### Area

644 329 km<sup>2</sup>

#### Population

8.3 million

#### **Gross Domestic Product**

USD 13.3 billion USD 970 per capita

#### Country Telephone Code

#### Air Transport **Statistics**

#### International Airports

#### Domestic Airports

#### International **Passenger Traffic**

500 000 passengers

#### **International Cargo Traffic**

500 000 metric tonnes

#### **National Airlines with** International Services

N/A

#### Foreign Airlines

## **Preparing for Tomorrow**

- Although currently there are no national airlines in the Republic of South Sudan, private operators provide services to regional countries such as Uganda, Ethiopia and Khartoum.
- Some 10 registered operators, with a total of about 50 aircraft, provide humanitarian flights through the UNMISS and UNHAS/WFP agencies.

## Did You Know... Travel and Tourism

South Sudan's protected area of Bandingilo National Park hosts the second-largest wildlife migration in the world. Boma National Park, west of the Ethiopian border, as well as the Sudd wetland and Southern National Park near the border with Congo, provide habitat for large populations of hartebeest, kob, topi, buffalo, elephants, giraffes, and lions.



# SWAZILAND



# Relationship with



14 February 1973 – Notification of adherence to the Chicago Convention

# AVIS



# State Facts and Figures

#### Capital

Mbabane

#### Official Languages

siSwati, English

#### Currency

Lilangeni

#### Area

17 200 km<sup>2</sup>

#### Population

1.2 million

#### **Gross Domestic Product**

USD 4.4 billion USD 3 550 per capita

#### **Country Telephone Code**

268

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

2

# International Passenger Traffic

56 607 passengers

#### International Cargo Traffic

156 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

1

#### **Preparing for Tomorrow**

- To make Swaziland a gateway to Africa and a link to the world.
- To developing aviation in Swaziland through the establishment of an aviation academy and other initiatives.

#### Did You Know... Travel and Tourism

Swaziland falls strategically close to Mozambique and the Kruger National Park, making it accessible to the biggest tourism hubs in the region.







10 April 1967 – Notification of adherence to the Chicago Convention

▼ Expanded Entebbe Intl Airport on completion





▲ Entebbe International Airport

#### State Facts and Figures

#### Capital

Kampala

#### Official Languages

English, Swahili

#### Currency

Ugandan Shilling

#### Area

241 550 km<sup>2</sup>

#### Population

34.1 million

#### **Gross Domestic Product**

USD 27 billion USD 714 per capita

#### **Country Telephone Code**

256

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

1.5 million passengers

#### International Cargo Traffic

54 449 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

17

#### **Preparing for Tomorrow**

- Aggressive marketing of tourism and expansion of aviation infrastructure by the Civil Aviation Authority have created confidence in air operators from different parts of the world. Scheduled airlines grew from 7 in 1991 to 18 in 2016.
- Uganda is now among the top ten fastest growing African markets.

  To consolidate and build on this position, the CAA Business Plan is aligned with the national Uganda Vision 2040 initiative, which calls for urgent action towards the realization of an integrated transport infrastructure network, in line with global trends. Specific projects include:
  - upgrade and expansion of Entebbe International Airport (EIA)
  - upgrade of the air navigation infrastructure to achieve a globally interoperable system for the provision of seamless services
  - a master plan for further developing Arua Airport.
  - revival of a national airline operating through EIA
  - exploration of PPP arrangements for the development and management of Arua, Kasese and Gulu Airports

#### Did You Know... Travel and Tourism

Uganda was recognized by Lonely Planet Magazine as best 2012 tourism destination while National Geographic magazine listed Uganda among the top "20 must-see places". Murchison Falls National Park was named as the best birding destination by the African Birding Club, CNN Travel named Kidepo National Park as Pristine Destination and Trip Adviser nominated the park as Africa's best.



# UNITED REPUBLIC OF TANZANIA



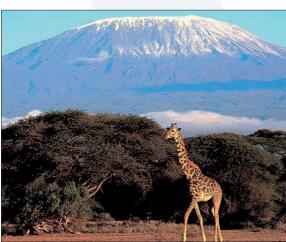
# Relationship with



23 April 1962 – Notification of adherence to the Chicago Convention

#### ▼ Air Tanzania





▲ Mount Kilimanjaro

# State Facts and Figures

#### Capital

Dodoma

#### Official Languages

Kiswahili, English

#### Currency

Tanzanian Shilling

#### Area

939 701 km<sup>2</sup>

#### Population

47.4 million

#### **Gross Domestic Product**

USD 48.1 billion USD 955 per capita

#### **Country Telephone Code**

255

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

53

# International Passenger Traffic

1.9 million pasengers

#### International Cargo Traffic

26 568 metric tonnes

# National Airlines with International Services

3

#### Foreign Airlines

20

#### **Preparing for Tomorrow**

- Tanzania is investing heavily in the expansion and revitalization of its civil aviation infrastructure, not only in the construction of new airports but also in the upgrading and renovation of existing facilities.
- Provision has also been made to enhance air navigation services in the country through new technologies (ADS-B), in order to strengthen and increase capacity of the Area Control Center (ACC).
- Safety and security oversight capacity will also be enhanced with the recruitment of additional oversight experts, as well as human resources capacity building through various courses and workshops.

#### Did You Know... Travel and Tourism

Tanzania is home to three of the seven natural wonders of Africa – Kilimanjaro Mountain, Serengeti National Park and Ngorongoro Crater. Tanzania also boasts of seven UNESCO World Heritage Sites, namely Ngorongoro Conservation Area, Serengeti National Park, Selous Game Reserve, Stone Town Zanzibar, the ruins of Kilwa Kisiwani and Songo Mnara, as well as the Kondoa rock art site.







30 October 1964 – Notification of adherence to the Chicago Convention

▼ Kenneth Kaunda International Airport





# State Facts and Figures

#### Capital

Lusaka

#### Official Languages

English

#### Currency

Kwacha

#### Area

752 612 km<sup>2</sup>

#### Population

14.1 million

#### **Gross Domestic Product**

USD 27.1 billion USD 1 680 per capita

#### Country Telephone Code

260

# Air Transport Statistics

#### International Airports

4

#### **Domestic Airports**

12

#### International Passenger Traffic

1.3 million passengers

#### International Cargo Traffic

20 000 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

15

#### **Preparing for Tomorrow**

- At the last ICAO Coordinated Validation Mission in March 2016, Zambia recorded an Effective Implementation rate of ICAO SARPs of 62.2 per cent, up from 46.99 per cent in 2012.
- In June 2016, the European Union removed Zambia from its list of banned airlines, following a successful on-site assessment mission in April.
- Zambia is currently undertaking a massive infrastructure development and equipment modernization programme for its international and domestic airports.
- Zambia remains vigilant and committed to continuous improvement, and to the implementation of ICAO Standards and Recommended Practices.

#### Did You Know... Travel and Tourism

More than one third of Central and Southern Africa's fresh water sources are located in Zambia. The country is home to the mighty Zambezi river and the exotic Kalambo Falls, the second highest single-drop waterfall in Africa. Zambia also has a diverse wildlife, with many parks and safari areas.



# ZIMBABWE

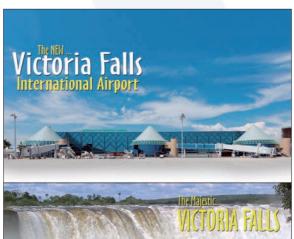


# Relationship with



11 February 1981 – Notification of adherence to the Chicago Convention





# State Facts and Figures

#### Capital

Harare

#### Official Languages

16 official languages

#### Currency

Multi-currency

#### Area

390 757 km<sup>2</sup>

#### Population

13.1 million

#### **Gross Domestic Product**

USD 14.2 billion USD 931.2 per capita

#### **Country Telephone Code**

263

# Air Transport Statistics

#### International Airports

7

#### Domestic Airports

1

#### International Passenger Traffic

1.2 million passengers

#### International Cargo Traffic

17 000 metric tonnes

# National Airlines with International Services

3

#### Foreign Airlines

18

#### **Preparing for Tomorrow**

- The Civil Aviation Authority of Zimbabwe completed and operationalized the newly upgraded Victoria Falls International airport at the end of 2015. Features include or call for a new international passenger terminal, 4 000m long and 60m wide runway and a modern control tower. the project will be commissioned in the first half of 2016. Furthermore, the Authority has put in place a massive aviation infrastructure and equipment upgrading programme prioritizing all international airports.
- Since 1980, Zimbabwe has concluded bilateral air service agreements with over 50 countries.
- Zimbabwe is among the first 11 African Union Member States to sign the Solemn Commitment to the implementation of the Yamoussoukro Decision towards the Establishment of a Single African Air Transport Market by 2017.
- Zimbabwe's resort town of Victoria Falls has played host to major aviation events such as the Routes Africa Conference in June 2014 and the ICAO MRTD and Biometrics Seminar in November 2012.

#### Did You Know... Travel and Tourism

The Victoria Falls, a year-round natural site of exceptional beauty, is made more phenomenal in that it offers different viewing pleasures each day of the year. Known as Mosia oa Tunya, "The Smoke that Thunders", the Falls represent one of the Seven Wonders of the World and one of the largest and most spectacular waterfalls on earth.



# ICAO WEST AND CENTRAL AFRICA







# WEST AND CENTRAL AFRICA





Mr Mam Sait Jallow Regional Director



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# Member States – 24

- Benin
- Burkina Faso
- Cabo Verde
- Cameroon
- Central African Republic
- Chad
- Congo
- Cote d'Ivoire
- Democratic Republic of the Congo
- Equatorial Guinea
- Gabon
- Gambia

- Ghana
- Guinea
- Guinea-Bissau
- Liberia
- Mali
- Mauritania
- Niger
- Nigeria
- Sao Tome & Principe
- Senegal
- Sierra Leone
- Togo



# a vivid example of a pan-African and Malagasy co-operation

he Agency for Air Navigation Safety in Africa and Madagascar (ASECNA), is a public organisation endowed with an international status, settled by 18 Member States including 17 ACP States from West & Central Africa, the Indian Ocean and France. ASECNA was founded in Saint Louis, Senegal, on 12th December 1959 and is governed by the Dakar Convention. The Agency is specially characterised by a strong willingness of Member States to share their resources in order to fulfil any activities related to the air navigation safety.

ASECNA is vested with the responsibility of cooperative management of a stanned airspace of 16.1 millions square km (1, 5 time the size of Europe), and is the major Air Navigation Services Provider in the Africa and Indian Ocean Region (AFI). As a regional and an autonomous organisation dedicated to transnational management of airspaces, ASECNA is a recognised model widely promoted by the international aviation community, with a single sky for many decades.

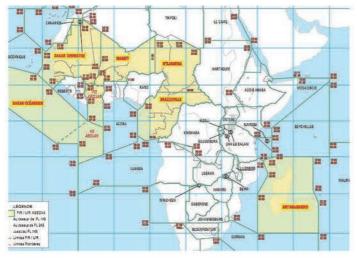
The Edward WARNER Prize of the International Civil Aviation Organisation (ICAO), has been awarded to ASECNA in 1972 in full recognition of all achievements in providing services.

# ASECNA Member States s, n.

- Benin
- ► Bissau Guinea
- ► Burkina Faso
- ► Cameroon
- Central African Republic
- ► Chad
- Comoros
- Congo
- **Equatorial Guinea**
- ► France
- ▶ Gabon
- Ivory Cost
- Madagascar
- Mali
- Mauritania
- Niger
- Senegal
- Togo

# ASECNA's main mission: air navigation safety

ASECNA's main mission is to provide air navigation services in the airspace under its responsability. It is composed of five (5) Flight Information Regions (FIRs) defined by ICAO: Antananarivo, Brazzaville, Dakar Oceanic & Terrestrial, Niamey and Ndiamena:





# ASECNA area of responsibility

ASECNA's missions include the provision of services related to air traffic management (ATM), communication/navigation/surveillance (CNS), aeronautical information management (AIM), meteorological assistance to air navigation (MET) and aerodrome and ground aids (AGA)(e.g. fire fighting and rescue). These services cover en-route navigation, approach and landing phases.

ASECNA operates an ATR-42 aircraft for inflight inspections to control and monitor navigation aids, communications and radar facilities for the benefit of the aviation community far beyond its own borders (Africa and the Caribbean).

The Agency also rules three training centres, namely the African School of Meteorology and Civil Aviation (EAMAC), the Regional Training Center for Fire Fighters (ERSI) and the Regional Training Center of Air Navigation and Management (ERNAM). EAMAC focuses on the training of air traffic controllers, engineers and technicians. ERSI, a bilingual school, is responsible for the training of firemen and of their management. ERNAM is dedicated to continuous training in various areas according to the Agency needs. It also manages the ICAO Regional Aviation Security Centre (AVSEC).





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29 May 1961 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Porto-Novo

#### Official Languages

French

#### Currency

CFA Franc

#### Area

112 622 km<sup>2</sup>

#### Population

9.9 million

#### **Gross Domestic Product**

USD 8.7 billion USD 825 per capita

**Country Telephone Code** 

229

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

466 588 passengers

#### International Cargo Traffic

7 554 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

19

#### **Preparing for Tomorrow**

- Cotonou Airport has played a pivotal role in the development of air transport in Benin. Built by France to facilitate military operations, it was officially opened for that purpose on 12 January 1934. Commercial flights started in 1935.
- The first regular operation was the Cotonou-Niamey service.

  After World War II, Air France launched an Abidjan-Douala service via Cotonou. Many more services were later added.
- The original length of the runway was 1 050 metres, to accommodate DC-3 aircraft. It was later lengthened to 1 550 for the DC-4 and is today 2 400 metres long.
- Cotonou can now accommodate 500 000 passengers and features VIP lounges for airlines and Government officials, parking for 220 vehicles and cargo facilities.

#### Did You Know... Travel and Tourism

Agriculture drives economic development, with cotton as the main export. Services contribute largely to the GDP because of Benin's geographical location, enabling trade, transportation, transit and tourism activities with neighbouring States.



# BURKINA FASO



# Relationship with



21 March 1962 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Ouagadougou

#### Official Languages

French

#### Currency

**CFA Franc** 

#### Area

274 000 km<sup>2</sup>

#### Population

16.8 million

#### **Gross Domestic Product**

USD 12.5 billion USD 720 per capita

#### **Country Telephone Code**

226

# Air Transport Statistics

#### International Airports

2

#### **Domestic Airports**

11

# International Passenger Traffic

418 158 passengers

# International Cargo Traffic

8 299 metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

15

#### **Preparing for Tomorrow**

- The National Civil Aviation Agency has formulated a number of projects in the aeronautical field:
  - Creation of a training centre for civil aviation personnel
  - Reduction of carbon dioxide emissions from air transport operations
  - Rehabilitation of secondary aerodromes
  - Development of a policy and related strategic plan for the expansion of civil aviation in the country.
- The ruins of Loropéni consist of an archaeological site located near the city of Gaoua, in the Lobi region of the country. The tourist attraction dates back to the 11th century and was recognized as a UNESCO World Heritage Site in 2009.
- The site was rediscovered in 1902 and is a good example of old stone buildings in West Africa. The main feature is a fortress that surrounds a city whose prosperity was built on gold. Although there is no written testimony, oral culture suggests that the site was occupied by the Koulango and their ancestors Nabé and Lohron, who controlled the extraction and processing of gold in the region, thereby ensuring the operation, production and trading of the precious metal.

#### Did You Know... Travel and Tourism

Laongo, not far from the capital Ouagadougou, is a major, open-air exhibition site for sculptures on granite. This natural setting offers a great opportunity for African artists and visitors from around the world to create unique works of art directly on the stone and leave their mark on the landscape for all to see.



# CABO VERDE



# Relationship with



19 August 1976 – Notification of adherence to the Chicago Convention

▼ Boa Vista Island





▲ Cabo Verde brand – Islands of Morabeza

# State Facts and Figures

#### Capital

Praia

#### Official Languages

Portuguese

#### Currency

Cabo Verdean Escudo

#### Area

4 030 km<sup>2</sup>

#### Population

513 906

#### **Gross Domestic Product**

USD 1.9 billion USD 3 641 per capita

#### **Country Telephone Code**

238

# AirTransport Statistics

#### International Airports

4

#### Domestic Airports

3

# International Passenger Traffic

1.3 million passengers

#### International Cargo Traffic

1 214 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

24

#### **Preparing for Tomorrow**

- The Civil Aviation Authority, an independent public entity with administrative and financial autonomy, has produced major regulatory reforms focused on the implementation of ICAO Standards and Recommended Practices, particularly those relating to safety and security. Another achievement was the adoption of a liberalized air transport policy.
- The CAA also provides a wide range of aeronautical services, including air navigation and meteorological, with heavy emphasis on cooperation with international and regional organizations for advancing the development of a sound air transport system.
- In that context, Cabo Verde participates actively in meetings of BAG, AFCAC, CAACL and ICAO among others, promoting the liberalization of air transport through the Yamoussoukro Declaration, African Civil Aviation Policy and the creation of a single African market for aviation.
- Contributing to this global effort is a long-term relationship with ICAO's Technical Co-operation Bureau resulting in a number of projects in the air navigation, airport and training sectors.

#### Did You Know... Travel and Tourism

An archipelago comprised of ten islands, all with their own unique characteristics, Cabo Verde offers tourists multiple choices in a single trip. In Boa Vista and Sal, the two most touristic islands, one can enjoy paradisiac beaches, sun, music, diving, gastronomy and the typical Cabo Verdean hospitality known as "Morabeza". Tourism contributes 20 per cent to the GDP of Cabo Verde.



# CAMEROON



# Relationship with



15 January 1960 – Notification of adherence to the Chicago Convention

▼ The national air carrier Camair-Co





A Rhumsiki Peak, far north region of Cameroon

# State Facts and Figures

#### Capital

Yaoundé

#### Official Languages

French, English

#### Currency

CFA Franc

#### Area

475 442 km<sup>2</sup>

#### Population

22.8 million

#### **Gross Domestic Product**

USD 32.05 billion USD 1350 per capita

#### Country Telephone Code

237

# Air Transport Statistics

#### International Airports

4

#### Domestic Airports

9

# International Passenger Traffic

1 million passengers

#### International Cargo Traffic

15 070 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

22

#### **Preparing for Tomorrow**

- The certification process for international airports has started. It is under this framework that in March 2016, the runway surface of the Douala International Airport was entirely rehabilitated in order to comply with national regulations.
- Various means of surveillance (secondary radar and ADS-C) will soon be operational at the Douala Area Control Centre, so as to improve the safety and coordination of traffic movements in the airspace under its jurisdiction.
- Cameroon has been an Active Participating State of the AFI Flight Procedures Programme (AFI-FPP) since 2014. AFI-FPP will finalize the design of conventional, precision and Performance Based Navigation approaches in 2016, to improve access and safety at the Maroua International Airport.

#### Did You Know... Travel and Tourism

Cameroon is often described as "Africa in miniature" because, within its borders, are found all major climates and geography of the continent: coastline, desert, mountains, rainforest and savannah.



# CENTRAL AFRICAN REPUBLIC\*



### Relationship with



28 June 1961 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Bangui

#### Official Languages

Sango, French

#### Currency

CFA Franc

#### Area

622 980 km<sup>2</sup>

#### Population

4.5 million

#### **Gross Domestic Product**

USD 1.8 billion USD 378 per capita

#### **Country Telephone Code**

236

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

95 722 passengers

#### International Cargo Traffic

1 219 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

9

#### **Preparing for Tomorrow**

- The first international airport was inaugurated in 1947 and transferred to the suburbs of the capital in 1967.
- A modernization project of the International Bangui M'Poko Airport is in progress.
- The General Direction of Civil Aviation was created in 1999.
- The Civil Aviation National Authority was subsequently established in 2009.

#### Did You Know... Travel and Tourism

The country is noted for its population of forest elephants and western lowland gorillas. In the north, the Manovo-Gounda St. Floris National Park is well populated with wildlife, including leopards, lions, and rhinos.







ICAC

3 July 1962 – Notification of adherence to the Chicago Convention

#### ▼ Douguia tourist site





# State Facts and Figures

#### Capital

N'Djamena

#### Official Languages

French, Arabic

#### Currency

CFA Franc

#### Area

1 284 000 km<sup>2</sup>

#### Population

12.5 million

#### **Gross Domestic Product**

USD 13.9 billion USD 1 024 per capita

#### **Country Telephone Code**

235

# Air Transport Statistics

#### International Airports

5

#### Domestic Airports

5

# International Passenger Traffic

211 557 passengers

#### International Cargo Traffic

16 446 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

13

#### **Preparing for Tomorrow**

- Major efforts are under way to upgrade all five international airports in order to accommodate the Boeing 747 aircraft.
- The certification process of N'Djamena Hassan Djamous International Airport is under way.
- Once the N'Djamena International Airport certification is completed, the focus will shift to the certification of the four other international airports.

#### Did You Know... Travel and Tourism

The Ounianga Lakes, situated in a mountainous and desert region, are classified as UNESCO World Heritage Sites. Because of this natural diversity, northern Chad has become a popular tourist area.







26 April 1962 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Brazzaville

#### Official Languages

French

#### Currency

**CFA Franc** 

#### Area

342 000 km<sup>2</sup>

#### Population

4.3 million

#### **Gross Domestic Product**

USD 14.1 billion USD 3100 per capita

**Country Telephone Code** 

242

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

N/A

# International Passenger Traffic

2.1 million passengers

# International Cargo Traffic

28 182 metric tonnes

National Airlines with International Services

4

#### Foreign Airlines

18

#### **Preparing for Tomorrow**

- Member of the Legal Committee of ICAO.
- The modernization of the Brazzaville Maya-Maya International Airport began in 2009, with the second module inaugurated in 2014.
- The Agence nationale de l'aviation civile was created in 1978, with full legal status and financial autonomy.
- Since 2004, Congo has invested 350 billion francs (CFA) in airport infrastructure.
- Congo has three Class 'A' airports (B747/A380) and six Class 'B' airports (B737), as well as secondary airports.
- Between 2004 and 2013, passenger traffic more than doubled.

#### Did You Know... Travel and Tourism

In October 1944, General De Gaulle landed at the former site of the Brazzaville Airport to attend the *Conférence des forces de la France libre*, attended by representative of the French colonies in Africa.



# CÔTE D'IVOIRE



# Relationship with



31 October 1960 – Notification of adherence to the Chicago Convention

▼ Air Côte d'Ivoire





▲ Basilica Yamoussoukro

# State Facts and Figures

#### Capital

Yamoussoukro

#### Official Languages

French

#### Currency

CFA Franc

#### Area

322 462 km<sup>2</sup>

#### Population

23 million

#### **Gross Domestic Product**

USD 34.3 billion USD 1545 per capita

#### Country Telephone Code

225

# AirTransport Statistics

#### International Airports

2

#### **Domestic Airports**

26

# International Passenger Traffic

1.5 million passengers

#### International Cargo Traffic

20 774 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

27

#### **Preparing for Tomorrow**

- Abidjan Felix Houphouet Boigny International Airport, in Abidjan, is the best airport in the region and intends to become the hub for West Africa.
- The airport is certified by the U.S. Transportation Security Administration.
- Côte d'Ivoire is a member of the African Civil Aviation Commission (AFCAC), the Agency for Aerial Navigation Safety in Africa and Madagascar (ASECNA), the Economic Community of West African States (ECOWAS) and the West African Economic and Monetary Union (UEMOA).
- Religious tourism. The Basilica Notre-Dame de la Paix unique in Africa - located in Yamoussoukro, as well as the hundred-year old mosques in Kong, Kawara and Samatiguila constitute the first choice for religious tourists.
- Seaside tourism. The Ivorian coast offers splendid beaches from Taboo to Assinie, via Grand-Bereby, San Pedro, Monogaga, Sassandra, Dagbégo, Grand-Lahou and Grand Bassam, as well as the "free beaches" of Blieron, Dawa, Taki, Menolé, and Gaoulouulou, praised by excursionists.

#### Did You Know... Travel and Tourism

Côte d'Ivoire has a good and efficient tourism infrastructure that offers a wide range of attractions for a variety of tourist categories, such as 550 km of coastline on the Atlantic Ocean, 300 000 hectares of stretch lagoon and eight national parks, and 21 flora and fauna reserves



# DEMOCRATIC REPUBLIC OF THE CONGO\*



# Relationship with



27 July 1961 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Kinshasa

#### Official Languages

French

#### Currency

Congolese Franc

#### Area

2 345 409 km<sup>2</sup>

#### Population

67.5 million

#### **Gross Domestic Product**

USD 33 billion USD 475 per capita

Country Telephone Code

243

# AirTransport Statistics

#### International Airports

5

#### Domestic Airports

N/A

# International Passenger Traffic

632 811 passengers

#### International Cargo Traffic

25 935 metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

N/A

#### **Preparing for Tomorrow**

- The Civil Aviation Authority (CAA) hosted two ICAO Coordinated Validation Missions (ICVM), in 2006 and 2013, that resulted in progress realized of 13%.
- Progress made has increased requests for overflights of its territory and traffic at its airports.
- Since its creation in 2003, the CAA has hosted more than 10 international workshops and meetings relating to air transport.
- The CAA is working with other aviation components on a new control tower to replace the existing one at Kinshasa International Airport. This is in addition to a new runway under construction.
- Airports around the country are being technically investigated in order to identify infrastructure improvements required.

#### Did You Know... Travel and Tourism

The country is geographically well located in the centre of Africa. This facilitates overflights of its territory and the priority of the CAA is focused on ensuring the safety and the security of operations.



# EQUATORIAL GUINEA



# Relationship with



22 February 1972 – Notification of adherence to the Chicago Convention

▼ Torre de la Libertad, Bata





# State Facts and Figures

#### Capital

Malabo

#### Official Languages

Spanish, French, Portuguese

#### Currency

**CFA Franc** 

#### Area

28 052 km<sup>2</sup>

#### **Population**

1.8 million

#### **Gross Domestic Product**

USD 14.3 billion USD 18 389 per capita

Country Telephone Code

240

# Air Transport Statistics

#### International Airports

5

#### **Domestic Airports**

N/A

# International Passenger Traffic

831 348 passengers

# International Cargo Traffic

A/A

National Airlines with International Services

2

#### Foreign Airlines

6

#### **Preparing for Tomorrow**

- ◆ The first phase of the Government's "Development Plan 2020" focused on infrastructure development, with special emphasis on a holistic, harmonized approach involving air, ground and maritime transport modes.
- Airports in major cities, Malabo and Bata, have been remodelled with the construction of modern terminals. In addition, three new airports were built in Annobon, Corisco and Mongomeyen in order to improve communications and transport links with other cities.
- The country's main port, located in the capital city Malabo, has been remodelled to expand its capacity and accommodate vessels requiring a depth of 16 meters.
- A modern network of roads and highways throughout the national territory was completed. This network, in addition to shortening distances between locations, has enabled inaccessible rural areas to move out of the isolation they previously experienced.
- Combined, all of these improvements have created a wealth of opportunities in the transport sector, for the movement of people and goods, while connecting them to the global marketplace.

#### Did You Know... Travel and Tourism

Equatorial Guinea is one of the most bio-diverse areas of Africa, from classic beaches with black volcanic sand to incredibly lush forests and alpine lands to 3 000 m, and more than a hundred different mammals, including various primates and large animals like the forest elephant. Aware of this wealth, the government has set aside almost 20 per cent of the land for conservation of natural life.



# MORE ABOUT EQUATORIAL GUINEA

# Evolving Air Transport in Equatorial Guinea "Before and after Malabo"



Minister of Civil Aviation H.E. Fausto Abeso Fuma with ICAO Secretary General Dr Fang Liu. The two officials met during AFI Aviation Week, held in Malabo in June 2016.

The Third Africa-Indian Ocean (AFI) Aviation Week held from 27 June to 1 July 2016, in Malabo, produced a profound paradigm shift in the perception of State and industry aviation leaders as to the remarkable progress made by Equatorial Guinea in realizing its vision, that of a world-class and competitive regional airport hub.

The commitment to transform air transport into a pillar of the national economy, along with agriculture, fishing and oil, is reflected by the prominence given to the sector in the national "Horizon 2020" Development Plan set in motion by H.E. President Teodoro Obiang Nguema Mbasogo in 2007.

The Plan recognizes the fundamental role of civil aviation in nation building and integrating Equatorial Guinea into the

global marketplace. By linking the mainland to its islands, aviation fosters greater connectivity within the country and with other States in the region. It further helps to expand and diversify the national economy, while supporting a dynamic tourism industry.

In fact, aviation is fast becoming the primary means of domestic transport, with more than 500 000 passengers a year for a population of 1.8 million.

Internationally, Equatorial Guinea's geographic location, roughly in the middle of the African continent, means that Malabo connects with more than 35 countries within two to three hours by air. And its airspace is at the crossroads of four continents – Africa, South America, North America and Europe.

At the Malabo conference in June, participants gained first hand insight into many of the many aviation-related achievements and ambitious undertakings of Equatorial Guinea as it marches on to make its mark as "the" hub to fly in and out of.

Evident throughout was the spirit and intent of the Preamble to the Chicago Convention for international civil aviation to develop in a safe and orderly manner, with international air transport services established on the basis of equality of opportunity and operated soundly and economically.

#### **Safety and Security**

Already recognized as extremely safe and secure for residents and visitors alike, Equatorial Guinea has significantly enhanced the safety and security of its civil aviation, as demonstrated by the impressive results recorded under ICAO's safety and security audit programmes.

An unconditional supporter of ICAO's 'No Country Left Behind', Equatorial Guinea expects to achieve a 60 per cent implementation rate by the end of 2016 and further incremental improvements in the following years, eventually placing it at the forefront of African States in those categories.

In 2012, the Government had already created a separate independent Civil Aviation Authority to promote an orderly development of civil aviation, with the resources required to ensure effective safety oversight, in compliance with SARPs.



Mr Estanislao Esono Anguesomo, Permanent Representative to ICAO

#### **Exceptional infrastructure**

A pre-requisite to gaining status as a world-class hub is the quality of an airport's infrastructure. Equatorial Guinea is currently building, at Malabo, a new terminal equipped with the latest technologies and facilities in to provide optimum levels of passenger comfort and convenience, and to conform to the most stringent environmental requirements.

The model facility will be operational by the end of 2017. It will complement the five existing airports in making air travel more accessible throughout the country, a key element of the national transportation strategy.

At the same time, tourism facilities and ground infrastructure have also been substantially upgraded in a holistic approach to enhancing the leisure and business travel experience.

#### **Human Capital**

To further attract and retain qualified personnel, the Government has instituted forward-looking and sometimes ground-breaking initiatives that cover a wide range of benefits, including health and social development programmes, career development for junior professionals, an attractive remuneration policy, reinforcement of cultural, moral and social values, accountability, respect for diversification, secondment and internship programmes, and many others aimed at the sustainable development of the aviation sector.

Equatorial Guinea has also joined forces United Nations specialized agencies, intergovernmental organizations, training institutions, private sector and other business stakeholders to expand training opportunities and ensure the availability of skilled aviation personnel throughout the system.

#### Liberalization

The liberalization of the air transport industry has been well served by rapidly improving safety and security levels, state-of-the-art infrastructure projects for passengers and cargo, and efforts to ensure a highly qualified workforce.

Not surprisingly, a growing number of foreign airlines have opted to begin or increase operations to Malabo, fuelling the country's goal of becoming the regional hub of choice.

With an average growth of some 12 per cent annually in recent years, expectations are that the total number of passengers at Malabo will top the one million mark in 2018.

Liberalization has also meant the advent of regional carriers that offer excellent service domestically, with feeder traffic to larger international airlines.

More room to grow for everyone!

#### Regional and International Cooperation

Equatorial Guinea intends to become even more active in regional and international cooperation, by hosting regional events and activities devoted to the operational integrity of civil aviation throughout the region and the continent, assisting neighbouring African countries with their respective civil aviation development, and supporting ICAO initiatives aimed at ensuring a sustainable global air transport around the world.



American University of Central Africa







18 January 1962 – Notification of adherence to the Chicago Convention

▼ Elephants in the forest at Iguela Lagoon





▲ humpback whale near Mayumba (Atlantic Ocean coast)

# State Facts and Figures

#### Capital

Libreville

#### Official Languages

French

#### Currency

**CFA Franc** 

#### Area

267 667 km<sup>2</sup>

#### **Population**

1.7 million

#### **Gross Domestic Product**

USD 18.2 billion USD 10 772 per capita

Country Telephone Code

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

22

# International Passenger Traffic

661 391 passengers

#### International Cargo Traffic

17 701 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

13

#### **Preparing for Tomorrow**

- Although a potential source of good jobs, tourism is not yet well developed due to an insufficient road network in the hinterland, lack of infrastructure and exorbitant transport costs with local airlines. Accordingly, the Gabonese government will invest some USD 85 million in tourism development through the National Infrastructure Master Plan 2011 to 2016. The Plan, comprised of 21 major projects together worth more than USD 11 billion, is designed to support the socio-economic growth throughout the country.
- Prestigious international airlines bring new dynamism and vitality to the travel and tourism sector. Two very good examples are Turkish Airlines that in 2013 added Libreville to its network, followed by Air France providing daily flights between Libreville and Paris. Others are expected to expand their services to Gabon.
- Local airlines are aiming at increasing their domestic flights in order to further reduce the economic and social isolation of some regions.

#### Did You Know... Travel and Tourism

Gabon offers a wide range of attractions. Some 100 000 tourists a year experience the country's remarkable wildlife and enormous environmental biodiversity, within the 13 national parks, not to mention the 880 km of beaches. Visitors can interact with nature, practice extreme sports and take part in adventurous expeditions. By 2020, the government aims to attract 200 000 tourists annually.







13 May 1977 – Notification of adherence to the Chicago Convention

▼ AFFRS building under construction





▲ Apron expansion

# State Facts and Figures

#### Capital

Banjul

#### Official Languages

English

#### Currency

Dalasi

#### Area

11 300 km<sup>2</sup>

#### **Population**

1.8 million

#### **Gross Domestic Product**

USD 1 billion USD 489 per capita

#### **Country Telephone Code**

220

#### AirTransport Statistics

#### International Airports

Banjul International Airport

#### **Domestic Airports**

N/A

# International Passenger Traffic

321 332 passengers

#### International Cargo Traffic

1791 metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

14

#### **Preparing for Tomorrow**

- The Gambia Civil Aviation Authority (GCAA) is implementing a strategy for meeting the future challenges of an air transport industry that continues to evolve at a rapid pace.
- In 2013, the GCAA finalized funding mobilization and commenced work on Phase II of the Airport Improvement Project. This phase is designed to further expand and improve the existing infrastructure and facilities at Banjul International Airport.
- The specific items earmarked within this scope of the Airport Improvement Project include the expansion of the apron, construction of a state-of-the-art airport fire fighting and rescue service station, refurbishment of the new passenger terminal building and control tower.
- All of these undertakings are designed to help improve the present facility/infrastructure and, by extension, enhance service delivery at Banjul International Airport. All work should be completed before the end of 2016.
- Likewise, the GCAA is also continuously improving its human resources needs in all areas of operations.

#### Did You Know... Travel and Tourism

Six reasons to visit Gambia, the Smiling Coast of Africa: 1) Six hours flight from Scandinavia and Europe 2) Unique opportunity to see over 500 species of birds 3) All-in-one destination offering sand, sun and sea, along with safari excursions 4) Breathtaking and captivating hinterland for ecotourism 5) UNESCO World Heritage Sites for culture lovers 6) Water sporting and fishing activities.







9 May 1957 – Notification of adherence to the Chicago Convention

▼ Ghana Civil Aviation Training Academy (GATA)





▲ GCAA VOR/DME equipment

# State Facts and Figures

#### Capital

Accra

#### Official Languages

English

#### Currency

Cedi

#### Area

238 533 km<sup>2</sup>

#### **Population**

25.9 million

#### **Gross Domestic Product**

USD 38.6 billion USD 1590 per capita

Country Telephone Code

233

# AirTransport Statistics

#### International Airports

2

#### **Domestic Airports**

3

# International Passenger Traffic

1.7 million passengers

#### International Cargo Traffic

51 325 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

37

#### **Preparing for Tomorrow**

- The vision of Ghana as the preferred aviation gateway and leader in airport business in West Africa is within reach, with the beginning of construction of a new international terminal. Known as Terminal 3, the design and concept, when completed in July 2017, will handle up to five million passengers per year.
- The Ghana Civil Aviation Training Academy (GATA) was established in 2008 and structured as a department of the Ghana Civil Aviation Authority (GCAA). It became operational in 2009.
- The academy has since generated interest within the West African sub-region and beyond, having held training sessions for aviation professionals from Benin, Gambia, Liberia, Nigeria, and Sao Tome.
- Currently, GATA offers courses in air traffic control, aviation safety and security, aviation English proficiency, and safety and emergency procedures training for cabin crew.
- ☼ GATA, now headquartered in a new ultra-modern, seven-storey building, is set to strengthen the GCAA's vision of becoming a regional leader and centre of excellence in aviation training.

#### Did You Know... Travel and Tourism

Dr Edward Dwemoh, Ghana's first DGCA, was the first African to win the Edward Warner Award. His efforts led to ICAO Assembly Resolution A21-24 stipulating that the sickle cell trait should not disqualify a person from flying duties.







27 March 1959 – Notification of adherence to the Chicago Convention

# ATIONAL DE CONAKRY GBESSIA



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Conakry

#### Official Languages

French

#### Currency

Guinean Franc

#### Area

245 857 km<sup>2</sup>

#### Population

11.8 million

#### **Gross Domestic Product**

USD 6.6 billion USD 550 per capita

Country Telephone Code

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

323 107 passengers

#### International Cargo Traffic

3 926 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

9

#### **Preparing for Tomorrow**

- The Civil Aviation Authority became an autonomous entity with the passage of legislation by the National Assembly in November 2013.
- New air navigation equipment (ILS/VOR DME) was installed at Conakry International Airport in 2008, while SADIS and SIOMA systems were implemented in 2012 to more effectively handle meteorological information.
- The Airport has been modernized and upgraded; two telescopic bridges were installed.

#### Did You Know... Travel and Tourism

When Air Guinée was established, it was one of the first in Sub-Saharan Africa and all of its technical and commercial employees were from Guinea.



# **GUINEA-BISSAU\***



# Relationship with



15 December 1977 – Notification of adherence to the Chicago Convention

# 15



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Bissau

#### Official Languages

Portuguese

#### Currency

**CFA Franc** 

#### Area

36 125 km<sup>2</sup>

#### Population

1.6 million

#### **Gross Domestic Product**

USD 1 billion USD 585 per capita

**Country Telephone Code** 

245

# Air Transport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

58 000 passengers

# International Cargo Traffic

350 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

4

#### **Preparing for Tomorrow**

- Guinea-Bissau joined the Agency for Air Navigation Security in Africa and Madagascar (ASECNA) in January 2006. The Agency's mission is to provide air navigation and aeronautical meteorology services for international aviation.
- The following new air navigation and approach equipment is installed by ASECNA at Bissau airport – ILS Cat II (Normal 7000B) (Localizer, glide-path and DME for landing) and VOR/DME for routing (CVOR 431 and DME 415/435).
- There is also the installation of Secondary Radar Monopulse of Surveillance (MSSR) Mode S, to allow for a better monitoring of traffic in the Terminal Control Area (TMA of Bissau).
- The Government of Guinea-Bissau is investing more than USD six million in the pavement overlay project (runway and apron) at Bissau Osvaldo Vieira International Airport.

#### Did You Know... Travel and Tourism

In the 1940s, flights between Lisbon and New York operated with Boeing Clipper aircraft used to fly via Bolama in Guinea Bissau, then Trinidad and Bermuda, in order to take advantage of more favorable winds and to save fuel.





# Relationship with ICAO



11 February 1947 – Deposit of instrument of ratification of the Chicago Convention



As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

#### Capital

Monrovia

#### Official Languages

English

#### Currency

Liberian Dollar

#### Area

96 320 km<sup>2</sup>

#### **Population**

4.2 million

#### **Gross Domestic Product**

USD 2 billion USD 461 per capita

**Country Telephone Code** 

#### **Air Transport Statistics**

#### International Airports

#### **Domestic Airports**

N/A

#### International Passenger Traffic

187 288 passengers

#### International **Cargo Traffic**

1 733 metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

#### **Preparing for Tomorrow**

- Liberia has concluded a number of Bilateral Air Services Agreements (BASA) as well as signed Memoranda of Understanding (MOU) with the United States of America, Belgium, Morocco, the United Kingdom, Jamaica, Rwanda, Ethiopia, Qatar, and the UAE.
- The LCAA prioritizes human capital development as a key focus aimed at grappling with the changing trends and dynamics in the aviation industry. It has received assistance from local, regional and international organizations, as well as foreign governments.
- Through an aggressive modernization programme, based on the LCAA's commitment to the safety of flight operations, work is under way on the total rehabilitation of all navigational aids at Robertsfield. The installation of modern navaids is nearing completion and plans are underway to calibrate the airport.

#### Did You Know... Travel and Tourism

Liberia enjoys a rich literary tradition. Edward Wilmot Blyden, Roland T. Dempster and Wilton G. S. Sankawulo are its more prominent authors. Bai T. Moore's Murder in the Cassava Patch is considered the country's most celebrated novel.







8 November 1960 – Notification of adherence to the Chicago Convention



#### State Facts and Figures

#### Capital

Bamako

#### Official Languages

French

#### Currency

CFA Franc

#### Area

1 240 192 km<sup>2</sup>

#### Population

16.2 million

#### **Gross Domestic Product**

USD 12 billion USD 704 per capita

#### **Country Telephone Code**

223

# Air Transport Statistics

#### International Airports

6

#### **Domestic Airports**

N/A

# International Passenger Traffic

665 588 passengers

# International Cargo Traffic

18 000 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

14

#### **Preparing for Tomorrow**

The new terminal of the Aéroport International Président Modibo Keïta (formerly Aéroport international de Bamako-Sénou until December 2015) features a surface area of 15 600 m², with boarding room capacity for 1.5 million passengers annually.

#### Did You Know... Travel and Tourism

"The old cities of Djenne" were included in the list of UNESCO World Heritage Sites in 1988, according the following criteria – exceptional evidence of the existence of such cities as Djenne-Djeno, Hambarketolo, Tonomba and Kaniana during the pre-Islamic civilizations of the Inner Niger Delta and the original architecture of the city of Djenne as an illustration of development in this area.







13 January 1962 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Nouakchott

#### Official Languages

Arabic

#### Currency

Ouguiya

#### Area

1 030 700 km<sup>2</sup>

#### Population

3.5 million

#### **Gross Domestic Product**

USD 5.1 billion USD 1 270 per capita

Country Telephone Code

222

# Air Transport Statistics

#### International Airports

2

#### Domestic Airports

N/A

# International Passenger Traffic

296 000 passengers

#### International Cargo Traffic

1.3 million metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

9

#### **Preparing for Tomorrow**

- Second in Africa for Effective Implementation (EI) under the ICAO Universal Safety Oversight Audit Programme (USOAP).
- Achieved a rating of 85.45 % according to ICAO criteria and rules.
- Removed from the European Black List in 2012 following a successful ICAO audit the same year.
- Established an independent authority for civil aviation.
- The Secretary General of ICAO visited Mauritania in appreciation of progress made in the field of aviation safety.
- Founding member of ASECNA in 1960. Member of AFCAC since 1972 and ACAC since 1977.
- Elected vice president of RASG-AFI since 2012.
- Elected chairman of RASG-AFI since November 2013.

#### Did You Know... Travel and Tourism

The new international airport at Nouakchott can accommodate up to two million passengers annually.







29 May 1961 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Niamey

#### Official Languages

French

#### Currency

**CFA Franc** 

#### Area

1 267 000 km<sup>2</sup>

#### Population

17.1 million

#### **Gross Domestic Product**

USD 8.2 billion USD 440 per capita

**Country Telephone Code** 

227

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

N/A

# International Passenger Traffic

272 000 passengers

# International Cargo Traffic

10 082 metric tonnes

# National Airline) with International Services

8

#### Foreign Airlines

11

#### **Preparing for Tomorrow**

- The international airports of Zinder and Agadez are being upgraded to meet ICAO standards, with funding from the State.
- Niger has also undertaken the development and validation of master plans for the international airports of Agadez, Niamey and Zinder.
- In addition to the modernization of the Diori Hamani International Airport in Niamey, the creation of a new airline, Niger Airways, should improve air travel to and from the capital.
- The perimeter of international airports at Niamey, Agadez and Zinder has been made more secure with the installation of walls and fencing.
- Air transport is part of the new national transportation strategy.

#### Did You Know... Travel and Tourism

Niger exports include uranium, oil and gold. Because rail and air transport are not yet well developped, access to mines is by road. The potential for expanding air transport to these sites for mining operations is considerable.







14 November 1960 – Notification of adherence to the Chicago Convention

**▼** National Assembly Complex





▲ Gurara Falls

# State Facts and Figures

#### Capital

Abuja

#### Official Languages

English

#### Currency

Naira

#### Area

923 770 km<sup>2</sup>

#### Population

166.2 million

#### **Gross Domestic Product**

USD 568.5 billion USD 3184 per capita

#### **Country Telephone Code**

234

#### AirTransport Statistics

#### International Airports

6

#### **Domestic Airports**

29

# International Passenger Traffic

4.6 million passengers

#### International Cargo Traffic

204 092 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

26

#### **Preparing for Tomorrow**

- Nigeria's progress in developing its air transport sector rests on a well-articulated, coordinated and innovative strategy, to the benefit of its citizens throughout the country and in support of a safe, secure and sustainable global aviation system.
- The focus remains on infrastructure capacity building, policy and commercial initiatives, liberalization, establishment of a national flag carrier, consumer protection measures, reinforced safety and security programmes, as well as like measures aimed at attracting airlines and welcoming visitors.
- Nigeria's political will to implement this multi-faceted approach is entrenched in the National Aviation Master Plan and reflected by a strong presence in regional, continental and international aviation fora and organizations.
- Also underpinning this commitment is a manifest determination to continually upgrade a robust regulatory and operational framework, based on adherence to ICAO Standards and Recommended Practices, policies and procedures, in line with ICAO's 'No Country Left Behind' campaign.

#### Did You Know... Travel and Tourism

Nigeria, an untapped tourist paradise, offers long stretches of exotic beaches, lush mountains, and enchanting sights and sounds. From spiritual shrines to the ancient cities of the north, from the river deltas to the Yoruba kingdoms, from the Ibo's stunning environment to a host of other fascinating sceneries, Nigeria has something for everyone...including great tasting and healthy food!

# Vision for Nigerian Air Transport

National, continental and global connectivity



# Nigerian Air Transport

# Air Transport Policy Critical to Nigeria's Long-term Development



**Muhammadu Buhari**President Commander-in-chief of the Armed Forces
Federal Republic of Nigeria

Global air transport is expected to double in size over the next 15 years, in terms of passengers and aircraft movements, reflecting a growth pattern that has continued practically unabated since the birth of international civil aviation in the 1940s.

As the safest and most efficient mode of mass transportation, particularly on long distances, air transport is a driver of economic and social development. It brings people, businesses and nations closer together. It has created a truly global society and is continually changing the way we see ourselves, and the world around us.

At the same time, such exponential growth raises on-going challenges as to the safety, the security and the sustainability of aviation.

All nations have the responsibility of ensuring the safe and orderly development of aviation on their territory and, in collaboration with all other nations and concerned stakeholders, to build a similarly safe, secure and sustainable global air transport system.

Nigeria fully subscribes to this philosophy. In 2015, the President and Commander in Chief of the Armed Forces, General Muhammadu Buhari, appointed Senator Hadi Abubakar Sirika as Minister of State Aviation to develop and implement a far-sighted, national air transport policy.

With the largest population by far of any African country and an advantageous location at the centre of Africa, Nigeria is determined to develop its air transport industry in a well articulated, coordinated and innovative manner.

To support the vision of Nigeria as a vibrant hub for West and Central Africa, the Government is working on a number of major projects to extend the reach of Nigerian air transport throughout the country and around the world.

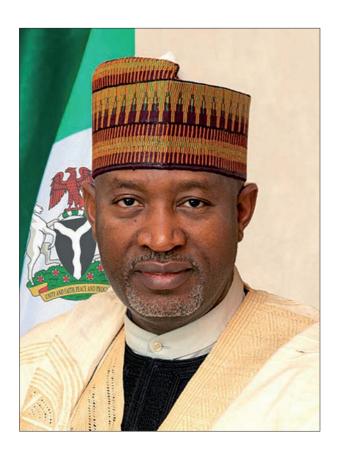
As we will see in this special report on Nigerian civil aviation, these include infrastructure, policy and commercial initiatives ranging from privatization/concessions of airports for optimum viability, liberalization of the industry in line with the Yamoussoukro Decision, establishment of a national flag carrier, consumer protection measures, reinforced safety and security programmes, and a host of other initiatives designed to foster a welcoming and productive operating environment for airlines and their clients, be they passengers or shippers.

Also featured in the following pages are interviews with Captain Muhtar Usman, Director General of the Civil Aviation Authority, Mr Martins Emeka Nwafor, Outgoing Representative of Nigeria on the Council of ICAO and the Incoming Representative, Captain Musa Nuhu. The section closes with an overview of the Nigerian air transport infrastructure and industry.

# MORE ABOUT **NIGERIA**

Article featuring the Honourable Minister of State Aviation

# Mr Hadi Abubakar Sirika



In 2015, Senator Hadi Abubakar Sirika was named Minister of State Aviation, at the Federal Ministry of Transportation of Nigeria.

A former commercial pilot, Mr Sirika possesses intimate knowledge of the air transport industry and is acutely aware of the myriad challenges faced by civil aviation in his country and around the world.

In this feature article, he describes the country's progressive, multi-faceted air transport policy, related goals, and recent achievements aimed at promoting the safe, secure and sustainable development of civil aviation throughout Nigeria.

Aviation is pivotal to the long-term growth of key economic sectors beyond travel and tourism, including agriculture production and distribution, rural development, trade and commerce, manufacturing, oil and other non-oil activities.

The truth is, for all nations, air transport is fundamental to economic transformation and prosperity. The value chain it creates is enormous and extensive.

Nigeria is extremely well positioned to benefit from the huge potential of air travel for economic, social and cultural development. Our primary market of West and Central Africa consists of 600 million people. This is equivalent to half of the population of the African continent, twice that the United States, and far greater than that of continental Europe.

Nigeria alone has a population of 180 million people, a very strong base from which to grow its air transport sector and play a prominent role in the global marketplace of business and ideas.

To that end, we have adopted a far-reaching and forward-looking policy focusing on specific spheres of endeavour that together will ensure our civil aviation sector develops as rapidly and as efficiently as possible.

An Aviation Master Plan, which will be presented for inclusion in the National Integrated Infrastructure Master Plan, NIIMP, is under preparation.

#### Safety and Security

To varying degrees, every State must respond to local, regional and global safety and security challenges. For many of us, security threats are linked to mounting terrorism.

The basis of our response to this challenge is compliance with ICAO Standards and Recommended Practices, as rated by the safety and security audits of the Organization.

As relates specifically to security, our approach begins with comprehensive threat and vulnerability assessments, followed by appropriate remedial action and certification programmes for our airports. In addition, we are in the process of developing a new security strategy, in

partnership with relevant international organizations. It will lead to the creation of the National Transportation Security Agency, modelled after the TSA in the United States. Also planned is the procurement of state-of-the-art detection and control equipment, with appropriate training and facilities.

#### **Infrastructure and Airport Concession**

At present, we have some obsolete and dilapidated airport and airspace infrastructure that does not meet international standards and best practices.

To remedy the situation, we have embarked on an airport infrastructure upgrade and renewal programme, including a first phase of concessions at four major airports – Lagos, Abuja, Port Harcourt and Kano – for international terminals. The repair and upgrading of runways is another priority and it is progressing well.

#### **A National Carrier**

Surprisingly perhaps, Nigeria does not have a national carrier or strong flag carriers. I have always found this unacceptable. Nigerian airlines are essential for getting the most out of bilateral, multilateral and 'open skies' agreements.

After considering various business, governance and management models, my government has decided to establish a national carrier under the Public Private Partnership formula. A number of details have to be worked out but I can confirm that the airline will be publicly owned and listed on the stock market.

We also intend to form alliances or joint ventures with other airlines to increase the reach and number of routes of our national carrier. Planned improvements to airport and air navigation infrastructure will support the expected growth the new carrier will generate.

#### Maintenance, Repair and Overhaul

Given the high cost of aircraft maintenance, it makes sense to establish a major Maintenance, Repair and Overhaul facility in West and Central Africa.

Nigeria is currently creating an enabling environment for a world-class MRO facility that will attract clientele from all over Africa and around the world. We will also encourage the centre to start producing aircraft parts, with the intention of making our mark in that business.

#### **Agro-Allied Cargo Infrastructure**

Because of the current lack of proper infrastructure and poor marketing, Nigeria is loosing out on a cargo market worth billions of dollars, not to mention thousands of job opportunities in many industrial and commercial sectors.

That is why we have embarked on the development of Agro-Allied and Cargo Terminals, with an objective of capturing 40 per cent of the market.

The socio economic impact would be substantial in terms of generating and maintaining employment in the various regions of the country, thereby helping to energize rural development, curb rural-urban migration and reduce crime rates.

#### **Establishment of an Aerospace University**

Aviation being a highly technological and operational industry, we are extremely sensitive to the imperative of attracting and retaining qualified personnel. We also need to reinforce research and development capabilities that will help us formulate and carry out strategies and long-term plans for the industry.

This will be achieved with the establishment of an aviation university, with the precious technical and management support of ICAO and donor nations.

#### **Restructuring of Aviation Agencies**

As with other civil aviation authorities around the world, there is some urgency for Nigeria to address human resources issues that equally affect the industry – dearth of professionals, ageing workforce, rapidly evolving technology and an unsustainable level of staffing.

For us, capacity building in this area entails a thorough review of people, processes and technology, as we strive for leaner organizational structures in our agencies. Part of the answer is for them to become autonomous and self-accounting entities, a status often associated with higher levels of efficiency and effectiveness. We will be reviewing legislation governing agencies in order to set up to upscale governance and reduce overlaps in functions.

#### **Aircraft Leasing and Industry Support**

The cost of leasing aircraft today is extremely high, with interest rates as much as 27 per cent. The financial burden on carriers with limited access to capital or with high debt profiles is unsustainable.

It appeared logical for us to offer an alternative source of funding by creating an aviation leasing company.

Under this same philosophy, we will be taking a number of other initiatives to support the growth and stability of the industry:

- a) Follow through on the Government's intention to create an Aviation Development Bank, offering industry entrepreneurs much-needed long term funding at reasonable interest rates.
- b) Enforcement by the Government of an expatriate quota system and policy review validation of pilot foreign licences, in order to promote local employment of pilots.
- c) Inclusion of airlines in a priority list of foreign exchange allocation, so as to help manage the cost of aircraft, parts, maintenance and training currently paid for in foreign currency.
- d) Continued waiver on the import of aircraft and spare parts, a measure that has already contributed immensely to the survival of airlines.
- e) Production domestically of aviation jet fuel, to help bring down the cost and regularize supply, given that 100 per cent of Jet A1 is now imported.
- f) Development of a policy concerning the use of unmanned aerial vehicles, for which there is currently no regulatory framework.

All of these policy and strategy elements rest on a proven track record that over the past year or so has included a wide variety of achievements to promote the safe, secure and sustainable development of civil aviation throughout Nigeria.

- ICAO security audit of Nigeria passed with a mark of 96 per cent
- Nigeria also passed the safety audit
- Bringing services closer to users by way of establishing and empowering regional offices of the NCAA

- Publication of Performance Based Navigation charts for all airports in Nigeria
- Successful implementation of direct routing within the Nigerian airspace for shorter distances, fuel efficiency and reduced carbon emissions
- Automation of tower operation at MAKIA Kano Airport
- Provision of bomb containment vessel at MAKIA and PH.C.
- Installation of solar air field lighting at 10 airports
- Rehabilitation and furnishing of the Emergency Operating Centre at Abuja and Lagos airports
- Rehabilitation and furnishing of the airport rescue and fire fighting services bay at MNA and domestic Terminal 1 in Lagos
- NiMet successfully went through the Quality Management Systems audit and retained ISO 9001:2008 certification for the aeronautical meteorological services provided to airlines
- Completed the first cycle of the annual competency assessment test of all aeronautical forecasters and weather observers at four international airports as prescribed by ICAO
- NiMet successfully presented the 2016 seasonal rainfall prediction) focusing on the theme: the impacts of weather variability and climate change on transportation infrastructure and agriculture in Nigeria
- Achieved designation as ICAO Regional Training Centre of excellence
- Two global awards with the highest number of instructors with ICAO Training Instructors Course Certificate
- •The highest number of ICAO courses run by any ATO

In conclusion, I would say that public and private sectors share a joint responsibility to develop the aviation sector, and all stakeholders must live up to their responsibilities. In this way, the sector can become profitable, self-sustaining and beneficial for all.



# NIGERIAN COLLEGE OF AVIATION TECHNOLOGY ZARIA

#### TRAINING FOR EXCELLENCE

Established in 1964,

the **Nigerian College of Aviation Technology** (NCAT) is the foremost civil aviation training institution in Africa.

Our vision is to maintain this prestigious position and be amongst the best in the World.







- Flying School
- Aircraft Maintenance Engineering School
- Air Traffic Services and Communication School
- Aeronautical Telecommunication Engineering School
- Aviation Management School





Conducting Training of Pilots, Aircraft Maintenance Engineers, Aeronautical Telecommunications Engineers, Air Traffic Controllers, Aeronautical Communication Officers, Cabin Crew Officers, Flight Operations Officers, Aviation Security Personnel and other Aviation Professionals.

- Full Member, Association of African Aviation Training Organizations (AATO)
- Full Member, ICAO TRAINAIR PLUS
- Fully certified non-accredited Educator member of Aviation Accreditation Board International (AABI)
- IATA Authorized Training Centre



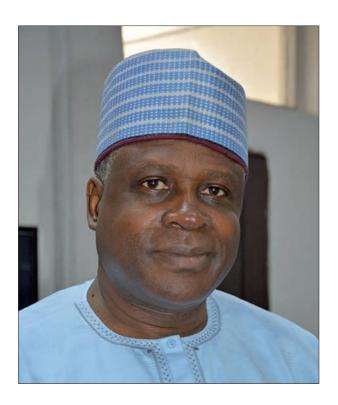




# MORE ABOUT **NIGERIA**

Interview with the Director General of Nigerian Civil Aviation

# Mr Muhtar Usman



# Nigeria is regarded as the fastest growing country in aviation in the world today. What steps were taken by the NCAA to achieve this?

The Authority has guaranteed a sustained and robust regulation of air transport in Nigeria, largely through increased safety oversight and surveillance.

We have also ensured that our security measures at all of the nation's airports are terror proactive and responsive. In fact, the Authority has commenced the licensing of aviation security personnel and those who screen passengers at the airports.

Our safety and security oversight are in compliance with ICAO's Standard and Recommended Practices (SARPs) and procedures.

Nigeria had an excellent performance during the ICAO Security Audit carried out in June 2015 which was followed by a remarkable success during the recently concluded Universal Safety Oversight Audit Programme (USOAP-CMA).

These and many other initiatives have led to us achieving the U.S. Federal Aviation Authority [FAA] Category 1 status. This a clear endorsement of the integrity and the quality of aviation services in Nigeria. We have joined the elite class in civil aviation.

Coupled with Nigeria's policy of liberalization of the aviation sector, Category 1 designation has brought a multiplicity of foreign airlines to fly into the country. Nigerian airlines similarly are rapidly engaging in reciprocal flights on foreign routes and to continental U.S.

Specifically, 38 international airlines operate to Nigeria. More than 30 local operators are engaged in scheduled and charter services. Collectively, these carriers carry more than 16 million passengers annually on eight thousand flights.

Other advantages include lower insurance premiums for airline operators and service providers, and more employment opportunities for, among others, pilots and cabin crew.

Finally, the strategic geographical location of the country makes it a natural hub and attractive for travel and tourism, as well as for local and Foreign Direct Investment. This is especially gratifying as the country is taking steps to diversify its economy, away from oil to other areas.

The increase in air transport activities will translate into job creation, taxes and tariffs from local and international flights originating in Nigeria, all resulting in an exponential growth in economic benefits.

# The revised Nigeria Civil Aviation Regulations (Nig.CARs) took effect in July 2016. What impact will they have?

The revised Regulations were promulgated in December 2015. A grace period was provided for them to acquaint themselves with their contents, in order to achieve a seamless transition to the new regime.

The updated CARs now have complete annexes. Some items that were not incorporated in the earlier editions were added, namely the Economic and Consumer Protection regulations.



Moving forward, I expect airlines and all stakeholders concerned to conduct their operations in line with the guidelines contained in the regulations.

The Federal Government has provided an enabling environment for safe and secure air transport operations and allied services. Against this background, airlines are expected to deliver value-added services that will provide comfort for passengers.

The NCAA will frown on any misconduct or breach of regulations and sanctions shall be meted out accordingly.

# With the consistent growth of aviation in Nigeria, what opportunities are there for local and foreign investors?

It is well known that Nigeria is experiencing a significant and enduring upward trend in commercial airline operations, for both passengers and freight. Almost all major cities are connected through efficient airline services.

Potential investors should be encouraged to plough their resources into the growing aviation industry in Nigeria.

The most promising sector is infrastructure development, particularly construction of airports under the Private Public Partnership (PPP) or Build Operate and Transfer (BOT) options. At the same time, some existing airports

are open to the concession agreements, following the Government's massive airport infrastructure upgrade and renewal programme.

Another area worth considering is the construction of hangars for different categories of aircraft. Most Maintenance Repair Organisations (MROs) are located outside the country. While A and B checks can be handled locally, C and others checks cannot. Building MROs here will stop the huge flight of capital overseas, estimated at some 20 billion nairas annually.

Investment in cabin and flight simulators could dissuade the more than 3 000 Pilots in Nigeria from travelling abroad for recurrent simulator training. An airline with four aircraft spends an estimated USD 450 000 on pilot training annually.

Finally, another investing possibility is in the importing of aircraft parts and navigational aids facilities, as well as the establishment of ground handling companies and aviation training institutions to provide the requisite manpower for the industry.

# Since the Federal Government is ready to focus on agricultural exports, are cargo airports a good target for investments?

Yes. Currently, there are 13 airports designated for cargo operations. They were chosen due to their proximity to areas considered "food baskets" and generate significant revenue for the country.

The Government's strategy is to build the much needed storage infrastructure to handle the large volume of products involved. It will make it easier to facilitate the shipment of agricultural produce to domestic and foreign markets, in conformity with international standards.

At least three States have thus far indicated an interest in investing in cargo airports.

Countries in the sub-region are clamouring for the removal of all restrictions and for the adoption of a single aviation market for the region. This is in light of the Supplementary Agreement to accelerate implementation of the Yamoussoukro Decision. What role is Nigeria set to play in making this happen? Nigeria is a strong advocate of the Yamoussoukro Decision and will continue to actively campaign for its full implementation.

This is in line with Nigerian Aviation Policy and supported by the fact the country has signed bilateral air services agreements with 88 countries.

In the same spirit of implementation of the Decision, most African airlines already enjoy Fifth Freedom traffic rights within Africa to Nigeria. They also operate more than one entry point to Nigeria with numerous frequencies, without payment of royalties.

It has been advocated that the region should be allowed to evolve to a single domestic market. All restrictions should be removed to allow for free flow of traffic within the region. This will promote the development of air transport at the regional and continental level. With market-oriented policies, intra-African connectivity will improve immensely.

I am aware that some markets on the continent are still restrictive and inconsistent with the Yamoussoukro Decision. Although obstacles to liberalization are still being discussed, several measures are being advanced to facilitate Africa's move towards multilateral open skies.





Some of these are greater collaboration and cooperation among African airlines, as well as between African airlines and their foreign counterparts. Redefinition of roles and responsibilities of different institutions are instrumental to the implementation of YD.

# Recently, there has been a significant increase in Unmanned Area Vehicles (UAV), or drones. What is the Regulatory Authority doing vis-à-vis security and safety in the airspace?

Indeed, the proliferation of Remotely Piloted Aircraft, or RPAs, has led to safety and security concerns. Accordingly, the NCAA has issued a Regulatory/Advisory Circular as guidance to all PPA operators. This is in line with the Nigerian Civil Aviation Regulations (Nig.CARs 2015 Part 8.8.1.33) and Implementing Standards (Nig.CARs 2015 Part IS.8.8.1.33).

This means that no government agency, organisation or individual can operate an RPA/UAV in Nigerian Airspace, for any purpose whatsoever, without approval and permits from the NCAA and the Office of the National Security Adviser (NSA).

In addition, there will be massive awareness and education programmes to ensure all users understand and adhere to safety and security guidelines.

# According to ICAO's Standard and Recommended Practices (SARPs) a Regulatory Authority should have qualified staff and in sufficient numbers. Is the NCAA compliant?

I can say categorically that the NCAA is compliant. We have staff in sufficient numbers. We have enough Aviation Safety Inspectors, or ASIs, who carry out routine ramp inspections and other safety surveillance.

A large number of our ASIs are on training at the Nigerian College of Aviation Technology (NCAT). Other departments and units are similarly well staffed with astute professionals. Together we maintain a robust safety oversight. Training and retraining is regarded as our major asset, where the Authority ensures continuous training for all levels of staff.



# Nigeria is member of ICAO. How many other aviation bodies are we members of?

The network of bodies in which we are active include the African Civil Aviation Commission (AFCAC), Developing 8 Countries (D8), Banjul Accord Group Aviation Safety Oversight Organisation (BAGASOO) and many others.

# MORE ABOUT **NIGERIA**

Interview with the Outgoing Representative of Nigeria on the ICAO Council

# Mr Martins Emeka Nwafor



# Nigeria has been re-elected consistently to the ICAO Council since 1962. Why is this important for your country?

There are two main reasons. First, it has been my personal experience that taking an active part in the deliberations of the Council is an extremely effective way of ensuring that our national policies and regulatory processes reflect, and are constantly updated in line with, those of ICAO, in particular the Organization's Standards and Recommended Practices and procedures.

A seat on the Council provides a unique opportunity for regular, face-to-face interaction with fellow Council Members, ICAO officials and Secretariat staff. I find this especially helpful in keeping up-to-date with the rapidly evolving requirements that must be integrated into the on-going institutional reforms that my government is committed to, as we accelerate the transformation of our industry in terms of global performance and quality standards.

Second, it allows us to "give back". For more than 50 years now, Nigeria has benefited immensely from its association with ICAO and quickly made it a point of honour to collaborate to the fullest extent possible with ICAO in promoting the sustainable development and growth of global air transport, especially in Africa.

In concrete terms, this has meant the active participation of Nigerian experts in practically all of ICAO Technical Panels and Working or Study Groups dealing with safety, security, facilitation, air navigation, economics, and the environment. The reality is that the more we contribute, the more we learn and the more we can improve further our air transport system.

I would strongly encourage any and all ICAO Member States to be so involved, if not on the Council, then as a member of a Rotation Group or any of the regional organizations that pursue the same aims and objectives. It is one of the most productive approaches to progress that I have come across in my professional life.

# Are there other specific roles or responsibilities associated with a seat on the Council?

In the case of Nigeria, yes. One of them is to act as the AFI group coordinator in ICAO. Let me provide a bit of background, as this is an extremely important part of my mandate.

Over the years, Nigeria has become an essential partner with ICAO in advancing aviation in Africa, in support of the Organization's strategic objectives of enhancing air transport safety, security, as well as economic and environmental sustainability.

From the outset, the Nigerian Government endorsed ground-breaking ICAO initiatives such as the AFI Comprehensive Implementation Programme, known as the AFI Plan, to enhance aviation safety throughout the continent. We also backed the establishment of a regional safety organization and took an active part in hosting and participating in numerous international and regional conferences, seminars, symposia and workshops on safety, PBN, air transport issues, SMS, MRTDs and security.

My role then, as AFI group coordinator, is to develop a common policy and response among my fellow African representatives at ICAO on specific subjects, encourage the coordinated implementation of related measures and programmes, and generally provide guidance on any and all matters of common interest to African States.

The fact that we are all located in the same building and can meet on a regular basis is the primary reason for the success of the AFI group concept. We can react quickly and with one voice to concerns, and Working Papers. The participation of ASECNA representatives at our meetings is another reason our group is highly representative of African interests.

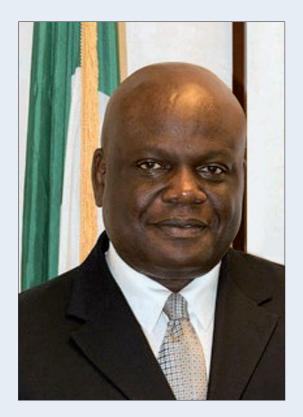
Recently, we have discussed such high-profile issues as ICAO's global Market-Based Measure scheme for the environment, operations in zones of conflict as they affect the Africa Region, land-side security, and the impact of the ICAO TRIPP programme on security and facilitation, not to mention administrative and governance questions.

# You have had an extensive career in aviation in Nigeria and Africa. How valuable has this proven to be in your more diplomatic role on the Council?

First-hand knowledge of the technical, operational and organizational aspects of an air transport is a powerful asset in rapid and effective decision-making. It also inspires confidence during discussions and negotiations.

My long-stranding involvement in regional organizations, for example, was instrumental in my ability, even from my office in Montreal, to help make good on my government's commitment to regional and international cooperation, in the form of sustained involvement in the activities and programmes of the African Civil Aviation Commission and the African Union.

The more representatives are connected to their aviation systems, the more they can contribute to the overall vision and mission of ICAO. Moreover, when Representatives return to their home countries, they can be even more effective in promoting the values and objectives of the Organization within their respective governments and agencies.



# Captain Musa Nuhu

# Incoming Representative of Nigeria to the ICAO Council

Captain Nuhu brings with him a wealth of experience acquired through a solid aviation career dating back to 1981, when he obtained his FAA Commercial Pilot License in Miami, Florida. He flew for a number of years with Nigerian Airways as well as corporate and regional operators.

Captain Nuhu was also involved in several coordination and regulatory positions, most prominently in the area of aviation safety policies, procedures and management systems. Among many rewarding mandates was that of Safety Officer for the Presidential Air fleet.

Just prior to his appointment as Representative to the ICAO Council, Captain Nuhu was Technical Assistant to the Honourable Minister of State Aviation within the Federal Ministry of Transportation.

Captain Nuhu is a member of the Royal Aeronautical Society, the National Association of Aircraft Pilots and Engineers and the Global Flight Safety Foundation. He obtained an Aviation Master of Business Administration (MBA) in 2006 from Concordia University, in Montreal.

# Matching Vision with Performance

Nigeria's ambition of becoming a dynamic and attractive aviation hub in the West and Central African Sub-Region, as well as a recognized global player, is supported by manifest political will, strict adherence to its National Aviation Master Plan and a strong regional presence.

Underpinning these commitments is a demonstrated determination to maintain, and continually upgrade, a robust regulatory and operational framework, based on adherence to ICAO Standards and Recommended Practices, policies and procedures, in cooperation with the international civil aviation community.

# The Regulator - Nigerian Civil Aviation Authority (NCAA)

The Nigerian Civil Aviation Authority (NCAA) was created in 1999 and, with the passing of the Civil Aviation Act of 2006, was granted autonomy and the required authority to regulate the aviation industry in Nigeria. As part of its agenda to increase the efficiency and effectiveness of the NCAA, the Government assembled a highly professional management team to ensure that the Nigerian aviation sector would compare and compete with the best in the world.

The overall objective remains to make the industry both accident-free and investment-friendly. Results were quick in coming, beginning with improved safety.



**AZMAN** Air

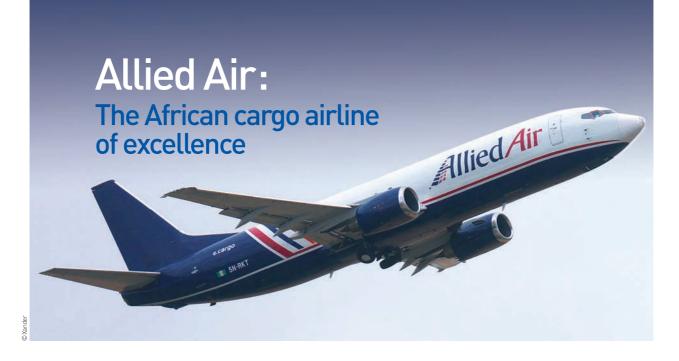
In 2006, Nigeria successfully passed the ICAO Universal Safety Oversight Audit Programme (USOAP). This milestone flowed from the re-certification of the entire industry, including airlines, aircraft, airports and human resources. Thanks to an aggressive training programme, the skill levels of personnel across all areas were significantly improved. All of these initiatives and more led the U.S. Federal Aviation Administration (FAA) to grant Nigeria Category 1 International Aviation Safety Assessment (IASA) Certification. This enviable rating allows a Nigerian airline, Arik Air, to fly directly to the United States using Nigerian-registered aircraft.



Lagos Airport

Over the years, Nigerian airlines have pressed on with fleet renewal in an effort to further meet the demand for quality services and to enhance safety. This was greatly facilitated by flexible leasing arrangements under the Cape Town Treaty that made it possible for local carriers to lease new and more energy efficient aircraft.

Throughout, the NCAA ensures seamless coordination with other aviation parastatal agencies, notably the Federal Airports Authority of Nigeria (FAAN), the Nigerian Airspace Management Agency (NAMA), Nigerian Meteorological Agency (NIMET) and the Accident Investigation Bureau (AIB) to ensure a cohesive, comprehensive approach to all aspects of aviation safety. This supports the Government's determination that airlines operate with strict adherence to safety standards in their quest for profits.



Allied Air commenced operations over seventeen years ago and has established an enviable reputation for itself as a Cargo Airline with quality and reliable delivery standards, and an exemplary safety record.

Allied Air is today the only registered Cargo Airline in Nigeria. Founded by Captain Val Tongo, her Managing Director and CEO in 1998, the airline continues to be a trailblazer in the Nigerian aviation Industry.

Allied Air is fully authorized by the Nigerian Civil Aviation Authority as a Nigerian Flag Carrier. The Airline is the designated Cargo Airline on numerous routes across Africa under bilateral air services agreements. Allied Air has a fleet of Boeing 737-400SFs and MD-11Fs.

The MD-11F operates three flights weekly between Europe and Lagos, while the 737s are deployed on routes in the West African sub-region and local routes within Nigeria.

Allied Air successfully underwent the IOSA audit programme in 2015 and is today the first IOSA certified cargo airline in Africa. In May 2016, it was admitted as a fully registered member of IATA.

With corporate headquarters and warehouse facilities at the Murtala Mohammed Airport, Allied Air is the only airline with an airside transit cargo warehouse at the airport. It has offices at all major airports in Nigeria.

Allied Air is proud to have several world-class companies such as DHL, the Central Bank of Nigeria and others as regular clients/customers.

Recent significant milestones recorded by the airline:

- 1st cargo airline in Africa to be IOSA certified
- IATA membership
- Letters of commendation/recognition from the regulatory agencies, clients and partners

Building on these laudable achievements, the management of the airline has put in place a strategic plan to expand the network of routes serviced by the airline and to explore new business opportunities in the growing Perishables Market for Foodstuff and Horticulture/Floriculture products. In line with the plan, the airline is to acquire an additional 737-400SF and setup offices in major Africa airport hubs.

Allied Air has continued to support and partner with the government in the sustainable development of the air transport industry in Nigeria, as well as contributing her quota to the growth of the nation's economy.



# Federal Airports Authority of Nigeria



#### VISION

To be amongst the best airport groups in the world

#### MISSION STATEMENT

To develop and profitably manage customercentric Airport facilities for safe, secure and efficient carriage of passengers and goods at world-class standards of quality.



Headquarters Complex: Murtala Muhammed Airport, P.M.B 21607, Ikeja, Lagos Tel:+234-1-280-0830. Website: www.faannigeria.org

#### **AVIATION DEVELOPMENT IN NIGERIA: OUR SUCCESS STORY**

he Nigerian Government of President Muhammadu Buhari has committed itself to ensuring the development of aviation sector in Nigeria through seamless policies and programmes designed to ensure a quantum leap in the industry.

The Nigerian aviation vision and policy thrust, recently unveiled by the Honourable Minister of State (Aviation), Senator Hadi Sirika, covers all areas of core aviation concerns including safety, security, enhanced facilitation and mutually beneficial partnership that drive modern aviation growth and development.

Nigeria has improved, significantly in the area of safety and security, which are pivotal to aviation business all over the world.

Furthermore, the Managing Director/CEO of the Federal Airports Authority of Nigeria (FAAN), Engr. Saleh Dunoma, recently initiated massive manpower training programmes for the personnel of the Authority. All these efforts have already started yielding positive results as Nigeria passed its last ICAO Security Audit and also the ICAO Universal Safety Oversight Audit in good grades, achieving a record 96% mark. Nigeria has also made tremendous progress in engendering enduring sustainability framework for growth. The future of aviation lies in partnerships that will sustain this key sector through Public Private Partnership (PPP).

New airport terminals are nearing completion in Lagos, Abuja, Kano, Port Harcourt and Enugu. The construction of an ultra-modern five storey car park at Murtala Muhammed International Airport, Lagos and the linking of railway line to the Nnamdi Azikiwe International Airport, Abuja are some of the critical projects going on.

FAAN has also delineated some airports in the country as cargo airports to focus on delivering perishable agro-products in good time to the international market. This will position the aviation sector to contribute optimally to the nation's Gross Domestic Product (GDP).

These laudable policies and programmes are meant to encourage private sector participation and create windows of opportunities for genuine entrepreneurs and investors.



L-R: FAAN, MD, Engr. Saleh Dunoma; ICAO President in Council, Dr. Benard O. Aliu; Hon. Minister of State, Aviation, Sen. Hadi Sirika; President Muhammadu Buhari, GCFR & Hon. Minister of Transportation, Rt. Hon. Rotimi Chibuike Amaechi, CON



The on-going Murtala Muhammed International Airport, Terminal project, contructed by CCECC and powered the Federal Government of Nigeria



FAAN, Managing Director, Engr. Saleh Dunoma

# To Rank among the Best: Federal Airports Authority of Nigeria

The management of all commercial airports in Nigeria is the responsibility of the Federal Airports Authority of Nigeria (FAAN), a member of Airports Council International (ACI). One of its main goals is to expedite the completion of all modernization and improvement projects at the 22 airports under its authority

In accordance with the Master Plan for the transformation of the aviation industry, priority is given to those key projects that are at advanced stage of completion. Expectations are for airport terminals being constructed in Lagos, Abuja, Kano, Port Harcourt and Enugu to be completed on schedule.



Benin Airport

The Government's goal is to transform these airports into world-class facilities that meet international standards for passenger comfort and ease of travel, all the while meeting NCAA certification requirements. In order to optimize the utilization of airports and generate additional revenues, the Federal Government has also designated 13 cargo airports for the export of agricultural products. Major storage facilities are being developed at these designated airports and cities. At the same time, State Governments and the private sector are being encouraged to partner with the Federal Government to revive smaller airports, particularly for cargo operations, as well as for local transportation and tourism operations. The Federal Government's efforts are geared towards ensuring that Nigeria maximizes benefits from the huge air freight export market in Africa.

Additionally, the Government intends to expand the four international airports in Lagos, Abuja, Kano and Port-Harcourt in order to create airport cities, a concept known as "aerotropolis", so as to attract international and commercial investment. The Government believes that airports are

much more than aviation infrastructure, as they are now leading urban growth generators and taking on many features of metropolitan business districts.

# Transforming the Nigerian Airspace: Nigerian Airspace Management Agency (NAMA)

In response to significant growth in traffic, especially general aviation, NAMA has carried out short-, medium- and long-term strategic programmes, in line with the priorities established by the ICAO AFI Region for the implementation of Aviation Systems Block Upgrade (ASBU).

The strategies are geared towards achieving a systematic migration from terrestrial to satellite based systems in order to achieve Performance Based Communication, Navigation and Surveillance, as well as automated Air Traffic Management systems. Their implementation is expected to lead to safe and efficient air navigation services delivery with increased levels of accuracy, integrity, reliability, availability and continuity. Some of the achievements and projects include:

#### Performance Based Communication

In November 2015, NAMA commenced full operations using Controller Pilot Data Link Communication systems at Lagos and Kano, resulting in greatly reduced flight delays. The Agency is planning to deploy an ATS Inter-facility Data



Air navigation equipment installed by NAMA

Communication system (AIDC) between all of her ATC units; new ATS Message Handling Systems (AMHS) at Lagos and Kano should be fully operational in October 2016.

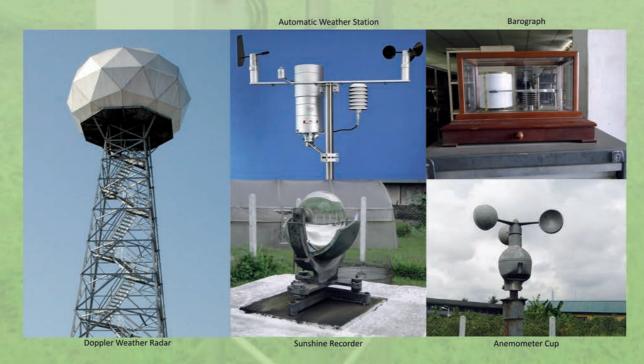
#### Performance Based Navigation

The Agency implemented PBN at Lagos, Abuja, Kano and Port Harcourt airports in 2012 and in 2015 published PBN Approaches for 15 domestic airports. NAMA is also planning to implement PBN approaches with vertical guidance at all international airports by 2017.





We provide continuous monitoring of the environment, and early warning advisories for aviation, clean energy and sustainable development.



#### NIGERIAN METEOROLOGICAL AGENCY

National Weather Forecasting and Climate Research Centre, Nnamdi Azikiwe International Airport, Abuja. Website: www.nimet.gov.ng.

#### Performance Based Surveillance

In November 2015, NAMA implemented Automatic Dependent Surveillance Contract (ADS-C) in Lagos and Kano and is deploying ADS-B and Multilateration within the Gulf of Guinea, a project to be completed by early 2017. NAMA has also fully complied with the requirements of ASBU Block 0 module (B0 – SNET).

#### **ATM Automation**

A new control tower was constructed in Kano, in July 2015, fully equipped with automated ATM systems. In November 2014 and May 2016, NAMA established Surface Movement and Ground Control units at Lagos and Abuja airports respectively. It plans similar facilities for Lagos and Abuja by 2017.

Other ATM initiatives include: the implementation of traffic sequencing systems at Lagos and Abuja for 2017; re-engineering NAMA business processes through an e-clearance platform; rapid in-house re-currency training of air traffic controllers; establishment of Runway Safety Teams at Lagos, Abuja, Kano and Port Harcourt; and, in February 2016, extension of the operational hours of enroute radar control service at Lagos and Kano Control Centres to 24 hours daily.

#### Aeronautical Information Services Automation

In the transition from AIS to AIM, NAMA has successfully deployed VSAT facilities at 26 locations nationwide in a bid to automate information collation, processing, storage and dissemination.

# Enhancement of Airspace Design and Airspace Planning Capacity

The Agency has procured additional software licenses and workstations for Flight Procedures Design to increase capacity in preparation for the development and implementation of PBN with lateral and vertical guidance by 2017.

#### Implementation of Safety Management Systems

The Agency places very high premium on the implementation of SMS in all facets of her operations. It partnered with the ICAO Technical Co-operation Bureau in the conduct of very comprehensive safety assessments prior to, during and after the implementation of ADS-C and CPDLC in Nigeria, in November 2015.

Nigeria and indeed the Nigerian Airspace Management Agency successfully went through a Technical Mission visit by ICAO WACAF, ACI and IATA in February 2016, as well as a ROST Mission and the Universal Safety Oversight Audit Programme in March 2016.

# Weather Watchers: Nigerian Meteorological Agency (NIMET)

Established in 2003, NIMET provides meteorological services in support of human and environmental sustainability, policy development, and the safe operation of air, land and marine transportation.

An efficient, well-equipped and technologically driven meteorological agency such as NIMET is critical to aviation safety. Accordingly, the Government of Nigeria invests significant resources to ensure that NIMET is properly equipped to perform its duties. The Agency boasts a wide range of new technological innovations that are revolutionizing its capabilities. It has installed Doppler weather radars, Low-Level Wind Shear Alert System (LLWAS) and thunderstorm detectors at some of the Nation's airports. All of these improvements helped the Agency attain ISO 9001:2008 Certification.



Air navigation equipment installed by NAMA

# Human Resources Excellence: Nigerian College of Aviation Technology (NCAT)

Located at Zaria, in Kaduna State, the Nigerian College of Aviation Technology (NCAT) is the foremost aviation training institution in the West African sub-region. Its primary responsibility is to make available excellent ab initio training

for Commercial Pilots, Air Traffic Controllers, Aircraft Maintenance Engineers, Aeronautical Telecommunications Engineers, Aviation Technicians, and Aeronautical Meteorologists among several other aviation specialist professions.

NCAT was established in 1964 for Nigeria and other African countries, in collaboration with ICAO and the United Nations Development Fund (UNDP). The College has more than 40 years of experience in the development of human resources for the aviation industry in Africa. Academic activities are carried out in five training schools, namely:

- Flying School
- Aircraft Maintenance Engineering (AME) School
- Aeronautical Telecommunications Engineering
- Air Traffic Services/Communications (ATS) School
- Aviation Management School

#### Safety Priority One: Accident Investigation and Prevention Bureau (AIPB)

Through the Civil Aviation Act 2006 (Section 29), the Federal Government of Nigeria established the Accident Investigation and Prevention Bureau (AIPB) as a corporate body and an autonomous agency reporting to the President, through the Minister in charge of aviation. The autonomy granted the Bureau was to ensure its independence from government bureaucracy and political influence, as well as the credibility of its reports.

In addition to investigating accidents and serious incidents, AIPB also gathers air data and conducts studies to uncover trends and gaps in the system that could impair safety. Prioritized data is relayed to industry stakeholders for reguired action. The Bureau also conducts inspections of various facilities to monitor compliance with safety recommendations. The Bureau's FDR/CVR laboratory has the capability to decode information collected from Flight Data Recorders and Cockpit Voice Recorders.



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#### **Soaring to Success: Nigerian Aviation**

Thanks to the enormous advances in technology and infrastructure, as well as the deregulation of the airline industry, Nigerian airlines have fared better than the global industry average. Nigeria is an excellent example of an emerging market economy that bucked the trend in the middle of a global slow-down, posting an annual average traffic growth of 20 per cent.

A most notable development in the Nigerian aviation industry is the continuous increase in the number of domestic carriers operating within the country. Improved access to finance has spurred competition among operators within Nigeria, while simultaneously encouraging higher standards of service, reliability and choice – all tremendous benefits to passengers.

The NCAA expects many more airlines to engage in the domestic market as they are currently undergoing or completing the Air Operator Certificate (AOC) process, in accordance with Nigeria Civil Aviation Regulations (NIGCARs2009). Among them are Air Taraba, Ean Aviation, Executive Jet Air Services Ltd, Gyro Air Ltd, Izy Air Ltd, Jupiter, Manyatta Engineering Services, Nestoil Plc, Prime Air, Toucan Air, Baltic Airlines, Oriental Airlines, Meridian Airlines, Millenium Travels & Tours, Okada Air and Air First. Air Peace, with seven aircraft (three state of the art Dornier 328 Jets and four Boeing 737-500 sp [special performance] jets), received its Air Operators Certificate (AOC) in September 2014.

Nigeria already has 18 domestic airlines currently operating and these are all holders of Air Operators Certificate (AOC) in accordance with the Nigeria Civil Aviation Regulation 2009.

Ten other Air Operators Certificate holders are currently undergoing re-certification in accordance with Nigeria Civil Aviation Regulation 2009. These include: Associated Aviation Ltd, Bristow Helicopter, Caverton Helicopter, Dornier Aviation Nig Agep Ltd, Kabo Airlines Ltd, Kings Airlines and Travel Ltd, Pan African Airlines Nigeria and Skypower Expressway.

# Simply the Best!



Designated by the government to operate regional and international services, Azman Air has introduced two new-generation aircraft, Boeing 777 series. This makes it the first in the history of the Nigerian Aviation Industry to operate such aircraft for conducting hajj operations. The state-of-the-art aircraft has a capacity of 400 passengers, with maximum level of comfort.

Our regional services include, but are not limited to, Cotonou, Accra, Dakar, Niamey, N'Djamena, Libreville and Douala. International services to Saudi Arabia, Dubai, and China will commence soon.

Azman Air is simply the best! Key in and join our frequent fliers of executive travelers who simply enjoy optimum comfort and safety.

If you are looking for domestic flights in Nigeria or international flights to destinations further afield, Azman Air can help get you there for less. As one of the main players at the forefront of Africa's fastest growing airline sector, Azman Air now flies to eight destinations in Nigeria and plans to commence international operations are underway.







#### **NIGERIAN AIRSPACE MANAGEMENT AGENCY**

Tel: 07098001337, 01-4931310, 4709216, 4931140-9 Murtala Mohammed Airport. P.M.B 21084, Ikeja, Lagos. Website:www.nama.gov.ng



# NAMA felicitates ICAO

on it's **72**<sup>nd</sup> Anniversary







# Stimulating Economic Integration

Our culture of service excellence developed over the past fourteen years makes Overland Airways a reputable economic development partner supporting diversification of Nigeria's fast-growing economy and integration in West Africa.

Our scheduled passenger services to several West African cities commencing fourth quarter of 2016 complement our existing cargo and charter services, providing greater opportunities for partnerships.

In the fast-emerging air transport market in Africa, Overland Airways' operational standards and excellent personnel guarantee the sustainability of our world-class service standards.

Overland Airways is your dependable partner in West Africa.





# Non-Scheduled Services and General Aviation Services

Many airlines offer non-scheduled (charter) passenger, cargo and oil support services. They include: Bristow Helicopters, Pan African Airlines, Caverton Helicopters, Dornier Aviation Nigeria AIEP, Kings Airlines, TopBrass, OAS Helicopters and Allied Air.



Allied Air

Others provide seasonal international charter services from Nigeria to specific destinations outside the country, for special events such as Hajj and/or Holy Pilgrimages. They are Kabo Air, Max Air and Meridian Airlines; they use a fleet of wide-bodied and long-haul Boeing jets such as B-747s.

#### **Specialized Support: Allied Service Providers**

Two major ground-handling companies provide various services to airlines: Nigerian Aviation Handling Company

(NAHCO) and Skyway Aviation Handling Company (SAHCOL). The Government has also granted a license to Swiss Port Handling Company as a third ground handling company. The move is to promote competition and ensure a high level of services from ground handlers, a feature that will become more and more important with the ever-increasing traffic at the nation's airports. There are also highly reputable companies that provide world-class catering services: the Aviation Services Limited (ASL) and Skypower Catering Companies.



ExecuJet hangar



is driven by:

Development of national standards

Data-driven & performance-based approach to Safety

**Compliance-oriented oversight activities** 

Monitoring the realistic implementation of safety performance

**Collaboration & interaction with Service Providers** 

**Promotion of Good Safety Practices** 

**Exchange of Safety Information** 

Allocation of Sufficient Financial & Human Resources

**Skills and Expertise** 

N C A A

Development & implementation effective enforcement policy

NIGERIAN CIVIL AVIATION AUTHORITY

**Aviation House** 

P.M.B 2129, 21039, Murtala Muhammed Airport, Ikeja, Lagos, Nigeria. Tel:234-1-4721521, Fax: 234-1-2790421 E-mail: info@ncaa.gov.ng, Website: www.ncaa.gov.ng



# SAO TOME & PRINCIPE



## Relationship with



28 February 1977 – Notification of adherence to the Chicago Convention

#### ▼ Boca de inferno





▲ Praias de São Tomé

# State Facts and Figures

#### Capital

São Tomé

#### Official Languages

Portuguese

#### Currency

Dobra

#### Area

960 km<sup>2</sup>

#### Population

188 098

#### **Gross Domestic Product**

USD 337.4 million USD 1810 per capita

#### **Country Telephone Code**

239

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

1

# International Passenger Traffic

77 700 passengers

#### International Cargo Traffic

167 metric tonnes

## National Airlines with International Services

1

#### Foreign Airlines

4

## **Preparing for Tomorrow**

- The Civil Aviation Authority plays a leading role in the development and promotion of the aviation industry. It advises government on aviation issues, regulates the industry and represents consumer interests.
- ◆ A new record for passenger traffic was set at Aeroporto Internacional de São Tomé in 2013, with 5 598 more passengers than in 2012. A total of 70 940 passengers used Aeroporto Internacional de São Tomé for their journeys, an increase of 8.3 per cent.
- In 2007, the Lusophone Community of Civil Aviation Authorities was created to improve cooperation in areas such as safety, security, exchange of information and staff training.

## Did You Know... Travel and Tourism

São Tomé and Príncipe, an island country near the equator, is part of a volcano chain featuring striking rock and coral formations, rainforests and beaches. São Tomé, is popular for snorkelling in Lagos Azul lagoon. Ôbo Natural Park, a bio-diverse jungle preserve, covers much of São Tomé and is distinguished by Pico Coo Grande. The island of Príncipe, was declared a World Biosphere Reserve.



# SENEGAL



## Relationship with



11 November 1960 – Notification of adherence to the Chicago Convention

▼ Minister N'Doye Seck with ICAO's Dr Fang Liu





▲ Blaise Diagne Intl Airport ready in 2017

#### State Facts and Figures

#### Capital

Dakar

#### Official Languages

French

#### Currency

**CFA Franc** 

#### Area

196 712 km<sup>2</sup>

#### Population

12.9 million

#### **Gross Domestic Product**

USD 15.6 billion USD 1050 per capita

#### **Country Telephone Code**

221

# AirTransport Statistics

#### International Airports

5

#### **Domestic Airports**

N/A

# International Passenger Traffic

2 million passengers

#### International Cargo Traffic

32 000 metric tonnes

## National Airlines with International Services

1

#### Foreign Airlines

31

## **Preparing for Tomorrow**

- Senegalese authorities are fully committed to the development of air transport activities in Senegal. This objective is clearly stated in all national economic development plans or strategies, in particular in the plan known officially as "Sénégal Emergent".
- To that end, the air transport infrastructure is being upgraded so as to respond to the growing demand for an enhanced quality of service to air carriers operating at Senegalese airports, as well as other users and travellers.
- In approximately one year, all air transport activities will be transferred to the new Blaise Diagne International Airport, located some 45 km from Dakar. This new airport has an initial capacity of three million passengers annually and will be able to accommodate all aircraft types currently operated by commercial airlines.
- The safety and security policy will allow all operations to fully meet international requirements, under the oversight of the National Civil Aviation Administration (ANACIM).

## Did You Know... Travel and Tourism

Apart from its famous beaches, Senegal offers many leisure opportunities to visitors to the country. The Niokolo-koba National Park is a World Heritage Site and a protected area in southeastern Senegal, where a large variety of wild animals are protected. The Basse Casamance Region and the Saloum Delta National Park are large areas of estuaries and islands often visited by tourists.





## Relationship with



22 November 1961 – Notification of adherence to the Chicago Convention

# BRITISE



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Freetown

#### Official Languages

English

#### Currency

Leone

#### Area

71 620 km<sup>2</sup>

#### Population

6 million

#### **Gross Domestic Product**

USD 4.9 billion USD 788 per capita

**Country Telephone Code** 

232

# AirTransport Statistics

#### International Airports

1

#### Domestic Airports

N/A

# International Passenger Traffic

198 673 passengers

#### International Cargo Traffic

78 146 metric tonnes

## National Airlines with International Services

0

#### Foreign Airlines

9

## **Preparing for Tomorrow**

- Signatory to the Banjul Accord Group (BAG), the precursor to the Banjul Accord Group Safety Oversight Organization (BAGOSOO) recognized by ICAO.
- The Civil Aviation Act 1966 established the Department of Civil Aviation. In 2008, the Sierra Leone Civil Aviation Authority was created as a semi-autonomous body.
- A new national airline is to be operational in 2015.
- Concluded more than 40 bilateral agreements and is in the process of establishing others.

## Did You Know... Travel and Tourism

Sierra Leone, along with Guinea and Liberia, founded the Roberts Flight Information Region (Roberts FIR) in 1975. The sub-regional organization is responsible for providing air navigation services in the upper airspace of the three States.



# TOGO\*



## Relationship with



18 May 1965– Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

\_ome

#### Official Languages

French

#### Currency

CFA Franc

#### Area

54 390 km<sup>2</sup>

#### Population

6.6 million

#### **Gross Domestic Product**

USD 4.5 billion USD 646 per capita

Country Telephone Code

228

# Air Transport Statistics

#### International Airports

2

#### **Domestic Airports**

N/A

# International Passenger Traffic

474 252 passengers

#### International Cargo Traffic

7.1 million metric tonnes

## National Airlines with International Services

2

#### Foreign Airlines

7

## **Preparing for Tomorrow**

- Air services agreements concluded with 47 countries.
- SALT, the Togolese Airport Manager, is a member of the Marketing and Management Centre of Switzerland and aims to establish a Quality Management System.
- The Togolese Civil Aviation Authority's training centre offers a number of courses, including cabin crew training and seminars in civil aviation safety and security.
- The Airport Manager is certified ISO 9001.
- In November 2009, Togo hosted the 3<sup>rd</sup> Meeting of ICAO/ WACAF and ESAF Directors General of Civil Aviation, as well as a seminar on air cargo development in August 2014.

### Did You Know... Travel and Tourism

A new terminal being erected at Gnassingbé Eyadema International Airport will be operational at the end of 2014. It will feature next-generation facilities capable of handling 1.5 million to 2 million passengers and 50 000 tonnes of cargo.









# ASIA/PACIFIC





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# Member States - 38

- Afghanistan
- Australia
- Bangladesh
- Bhutan
- Brunei Darussalam
- Cambodia
- China
- Cook Islands
- Democratic People's Republic of Korea
- Fiji
- India
- Indonesia
- Japan
- Kiribati
- Lao People's Democratic Republic
- Malaysia
- Maldives
- Marshall Islands

- Micronesia (Federated States of)
- Mongolia
- Myanmar
- Nauru
- Nepal
- New ZealandPakistan
- Palau
- Papua New Guinea
- Philippines
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## Helicopter Flight Inspection System

Aerodata provides a wide variety of Helicopter Flight Inspection Systems HeliFIS® for validation of helicopter flight procedures and inspection of supporting navigation aids.

#### Key Features:

- Member of the AeroFIS® Product Family
- All Capabilities of AeroFIS® are available for HeliFIS®
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  - · Portable Systems
  - · Fully integrated Systems
- Many Options for military and civil Customers









# **AFGHANISTAN**



## Relationship with



4 April 1947 – Deposit of instrument of ratification of the Chicago Convention



# State Facts and Figures

#### Capital

Kabul

#### Official Languages

Pashto and Dari

#### Currency

Afghani

#### Area

652 225 km<sup>2</sup>

#### Population

33.4 million

#### **Gross Domestic Product**

USD 20 billion USD 633 per capita

#### **Country Telephone Code**

93

# Air Transport Statistics

#### International Airports

4

#### **Domestic Airports**

24

# International Passenger Traffic

759 078 passengers

## International Cargo Traffic

13 265 metric tonnes

## National Airlines with International Services

3

#### Foreign Airlines

9

## **Preparing for Tomorrow**

- Afghanistan is a landlocked country and air transport plays a crucial role in its economic development. The Afghan Government strives to improve its civil aviation sector according to ICAO standards and to be recognized by the global community for providing standard aviation services and facilities within its airspace and airports.
- Mazar-I-Sharif International Airport and Herat International Airport are being developed under this policy.
- The Afghanistan Civil Aviation Authority (ACAA) now controls the Afghanistan FIR through an internationally recognized private company.
- Afghanistan has signed air services agreements with 32 countries and others are under negotiation.
- Special attention is being paid to capacity building of ACAA personnel in order to improve the safety oversight function, and to expand and equip airport facilities with standard requirements.
- ◆ A Multilateration (MLAT) surveillance system has been installed to cover the entire Kabul FIR. Once it has been activated, in full compliance with safety requirements, it will be declared an RVSM airspace.

## Did You Know... Travel and Tourism

Have you heard of Afghanistan's wonders? One of them is Jam Minaret. It was the first in the country to be listed as a UNESCO World Heritage Site in 2002. The ancient structure stands 65m tall; it is located between two rivers and bounded by a 2.4 km mountain. It offers visitors a unique example of fine art and natural history, a once-in-a-lifetime experience.



# AUSTRALIA



## Relationship with



1 March 1947 – Deposit of instrument of ratification of the Chicago Convention

# © Department of Infrashuture and Regional Development (DoIRD plane3)



# State Facts and Figures

#### Capital

Canberra

#### Official Languages

English

#### Currency

Australian Dollar

#### Area

7 692 024 km<sup>2</sup>

#### Population

22.7 million

#### **Gross Domestic Product**

USD 1.5 trillion USD 61 925 per capita

#### **Country Telephone Code**

61

# Air Transport Statistics

#### International Airports

11

#### **Domestic Airports**

8

# International Passenger Traffic

34.6 million passengers

## International Cargo Traffic

880 810 metric tonnes

## National Airlines with International Services

2

#### Foreign Airlines

54

## **Preparing for Tomorrow**

- Australia was first to provide nationwide ADS-B coverage. By 2017, all Australian registered IFR aircraft will be fitted with ADS-B.
- Australia participates in ICAO's 'No Country Left Behind' campaign by coordinating and managing aviation safety programmes in the Asia/Pacific Region. Australia assists Indonesia through Australia's Government Partnerships Funds and the Indonesia Transport Safety Assistance Package, and provides assistance to Papua New Guinea through the Pacific Aviation Safety Office.
- Australia supports the ICAO Regional Office in Bangkok, provides technical experts to progress the work of ICAO, and funds Search and Rescue (SAR) experts to assist ICAO.
- Australia has offered investigation resources for the ICAO Universal Safety Oversight Audit Programme.

### Did You Know... Travel and Tourism

Australia manages 11 per cent of the world's airspace and has air services agreements with 95 countries/economies. Australian carriers have an excellent aviation safety record, with no fatal accidents involving civilian, high-capacity aircraft since 1969.



# BANGLADESH\*



## Relationship with



22 December 1972 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Dhaka

#### Official Languages

Bangla (Bengali)

#### Currency

Taka

#### Area

147 570 km<sup>2</sup>

#### Population

149.8 million

#### **Gross Domestic Product**

USD 173.8 billion USD 1 096 per capita

#### **Country Telephone Code**

880

# Air Transport Statistics

#### International Airports

3

#### **Domestic Airports**

N/A

# International Passenger Traffic

5 million passengers

#### International Cargo Traffic

213 000 metric tonnes

## National Airlines with International Services

3

#### Foreign Airlines

27

## **Preparing for Tomorrow**

- The office of COSCAP-SA is now located in the CAA Bangladesh Headquarters at Dhaka.
- Bangladesh has signed air services agreements with 51 countries, including "open skies" agreements with the United States and Qatar.
- Following the liberalized bilateral ASA policy, Bangladesh revised the existing BASA with more than 35 countries over the last five years.
- The annual growth rate stands at 8% for passenger traffic and 12% for cargo traffic.
- Currently, CAAB's Operations Inspectors provide technical assistance to CAAs of other South Asian countries to improve safety and security.

## Did You Know... Travel and Tourism

On 20 February 2014, a DC10 aircraft operated by Biman Bangladesh Airlines made a 'historic' final flight from Dhaka to Birmingham, United Kingdom.



# BHUTAN



## Relationship with



17 May 1989 – Notification of adherence to the Chicago Convention

# Printell Cornical Control of the Con



# State Facts and Figures

#### Capital

Thimphu

#### Official Languages

Dzongkha

#### Currency

Ngultrum

#### Area

38 394 km<sup>2</sup>

#### Population

764 667

#### **Gross Domestic Product**

USD 2 billion USD 2 560 per capita

#### Country Telephone Code

975

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

3

#### International Passenger Traffic

302 158 passengers

#### International Cargo Traffic

A/N

#### National Airlines with International Services

1

#### Foreign Airlines

N/A

## **Preparing for Tomorrow**

- The Government of Bhutan, in an effort to promote the country's unique culture and traditions to the outside world, has gradually opened its doors to foreigners. Since this policy was adopted, the number of tourists has been steadily increasing.
- ◆ A new passenger terminal was recently inaugurated at Bhutan's only international airport, located in Paro, in response to the growing demand for services and to alleviate congestion.
- Over the next few years, the Government will focus on developing a range of accommodations, from luxurious 5-star hotels to cosy little hotels and homestay options in traditional Bhutanese homes. The emphasis will be on warmth and comport.

## Did You Know... Travel and Tourism

Tourism in Bhutan began in 1974. While open to foreigners, the Government has always been acutely aware of the environmental impact that tourism can have on Bhutan's unique and virtually unspoiled landscape and culture. Restrictions were therefore placed from the start on the number of tourists, aiming at a premium class of visitors. There are over 75 licensed tourist companies in the country.



# BRUNEI DARUSSALAM



## Relationship with



ICAC

4 December 1984 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Bandar Seri Begawan

#### Official Languages

Malay

#### Currency

Brunei Dollar

#### Area

5 765 km<sup>2</sup>

#### Population

411 900

#### **Gross Domestic Product**

USD 12.9 billion USD 31 376 per capita

#### **Country Telephone Code**

673

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

0

# International Passenger Traffic

1.7 million passengers

#### International Cargo Traffic

21 622 metric tonnes

## National Airlines with International Services

1

#### Foreign Airlines

5

## **Preparing for Tomorrow**

#### Infrastructure

Modernization of Brunei International Airport has been completed, doubling the capacity to three million passengers per year. A pavement rehabilitation project is on-going to accommodate larger aircraft. The CNS/ATM infrastructure has successfully been upgraded, in line with ICAO's Global Air Navigational Plan.

#### Safety and Security

Brunei Darussalam is performing a comprehensive review and formulation of a new state civil aviation regulatory framework that includes the reorganization of its civil aviation authority, in line with ICAO requirements.

#### Aviation Industry

Brunei Darussalam has an 'open skies' policy that encourages foreign airlines to operate to Brunei Darussalam. It covers both passengers and cargo services.

Brunei International Airport aims to rank among the leading airports, with excellent services and an infrastructure that is safe, secure, efficient, modern and comfortable, in compliance with international standards. As part of fleet transition and expansion, Royal Brunei Airlines is in the process of acquiring more efficient aircraft.

## Did You Know... Travel and Tourism

Brunei Darussalam (Brunei, the Abode of Peace) is a small, prosperous, stable, safe, wholesome and peaceful oil-rich Kingdom located on the northern shores of the Island of Borneo. Largely covered in luxuriant and pristine tropical rainforests rich in exotic flora and fauna, Brunei is a paradise for nature lovers and for nature tourism in general.



# CAMBODIA



## Relationship with



16 January 1956 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Phnom Penh

#### Official Languages

Khmer

#### Currency

Riel

#### Area

181 035 km<sup>2</sup>

#### Population

14.9 million

#### **Gross Domestic Product**

USD 16.8 billion USD 1094 per capita

#### **Country Telephone Code**

855

# Air Transport Statistics

#### International Airports

3

#### Domestic Airports

7

# International Passenger Traffic

5.6 million passengers

## International Cargo Traffic

36 898 metric tonnes

## National Airlines) with International Services

6

#### Foreign Airlines

39

## **Preparing for Tomorrow**

- Preparing tomorrow's aviation talent. In the next 20 years, ICAO projects that airlines around the world will have to add 25 000 new aircraft to the current 17 000-strong commercial fleet. By 2026, the aviation and aerospace industry would need 480 000 new technicians to maintain these aircraft and some 350 000 pilots to fly them. These projected manpower requirements are staggering. At the heart of global air transport growth, Asia will be the most challenged by this potential shortage of skilled manpower.
- "Connecting Skies" is Cambodia's plan to address the challenge of increasing and shaping aviation's future workforce of professionals.
- ◆ The Cambodia Civil Aviation Authority (SSCA) will work with other government agencies and industry to support holistic efforts at attraction and retention, including the provision of suitable encouragements and support such as:
  - Taking a balanced approach to regulation
  - Increased focus on competency based training
  - Reaching out to our youth
  - Boosting industry collaboration as a key strategy

## Did You Know... Travel and Tourism

Ecotourism is important to Cambodia, with destinations like Rattanakiri and Mondulkiri provinces, World Cultural and Natural Heritage Sites in Siem Reap province, natural treasures like Koh Kong, coastal waters and resorts rich in biodiversity including Sihanoukville, Kampot and Kep, as well as new resorts and other attractions.





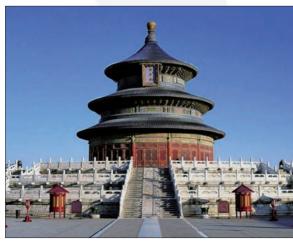
# Relationship with



20 February 1946 – Deposit of instrument of ratification of the Chicago Convention

▼ Beijing New Airport Image





▲ Temple of Heaven

#### State Facts and Figures

#### Capital

Beijing

#### Official Languages

Mandarin Chinese

#### Currency

Chinese Yuan/Renminbi

#### Area

9.6 million km<sup>2</sup>

#### Population

1.37 billion

#### **Gross Domestic Product**

USD 10.4 trillion USD 7590 per capita

#### **Country Telephone Code**

86

# Air Transport Statistics

#### International Airports

70

#### **Domestic Airports**

140

# International Passenger Traffic

42 million passengers

#### International Cargo Traffic

184.8 million metric tonnes

## National Airlines with International Services

22

#### Foreign Airlines

129

## **Preparing for Tomorrow**

- Chinese carriers are expected to have handled 450 million passengers a year by 2015 and 1.5 billion by 2030.
- China is planning to reduce airport complexity and enhance construction on new airports, bringing the total to an estimated 260 commercial service airports.
- China's first domestically manufactured trunkliner, the C919, seats between 158 and 174 passengers, with a standard range of 4 075 kilometres. Its maiden flight is expected in 2016; 514 orders from 21 customers worldwide have already been received.
- China is committed to continuously improve the performance of its ATM system with technical innovations. The BeiDou Navigation Satellite System (BDS), developed by China, will provide global open service, free of charge, once fully deployed around 2020.
- The new Beijing Airport, which includes four runways and a terminal building with a floor surface area of one million square metres, will be operational in 2019. It is planned to handle 72 million passengers, 2 million metric tonnes of cargo and 620 000 flights annually after 2025.

## Did You Know... Travel and Tourism

China ranks second with 48 UNESCO World Heritage Sites. Grottoes filled with precious murals and sculptures are located along the ancient Silk Road, in Gansu province. The tallest building, at 492 metres, is the World Financial Centre, in Shanghai. The entire country is on one time zone and Chinese cuisine is highly diverse, drawing on millennia of culinary history and geographical variety.



# COOK ISLANDS\*



## Relationship with



20 August 1986 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Avarua

#### Official Languages

English

#### Currency

New Zealand Dollar

#### Area

240 km<sup>2</sup>

#### Population

20 000

#### **Gross Domestic Product**

USD N/A

USD N/A per capita

#### Country Telephone Code

682

# AirTransport Statistics

#### International Airports

N/A

#### **Domestic Airports**

N/A

# International Passenger Traffic

N/A passengers

#### International Cargo Traffic

N/A metric tonnes

# National Airlines with International Services

N/A

#### Foreign Airlines

N/A

## **Preparing for Tomorrow**

Served in the 1950's by TEAL Short Solent flying boats on the famous 'Coral Route', the Cook Islands entered the jet age with the opening of the Rarotonga International Airport 2 300 metre paved runway in January 1974. Capable of handling aircraft up to Boeing 747s, Rarotonga International Airport now welcomes more than 100 000 visitors annually from all over the world.

### Did You Know... Travel and Tourism

With about 100 000 visitors travelling to the islands, tourism is the country's main industry and the leading element of the economy.



# DEMOCRATIC PEOPLE'S PUBLIC OF KOREA\*



# Relationship with WICAO



16 August 1977 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

#### Capital

Pyongyang

#### Official Languages

Korean

#### Currency

Won

#### Area

123 138 km<sup>2</sup>

#### Population

24.6 million

#### **Gross Domestic Product**

USD 14.4 billion USD 582 per capita

#### **Country Telephone Code**

#### **Air Transport Statistics**

#### International Airports

#### Domestic Airports

N/A

#### International **Passenger Traffic**

71 837 passengers

# International Cargo Traffic

218 metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

## **Preparing for Tomorrow**

The first scheduled international service was inaugurated in 1950.

## Did You Know... Travel and Tourism

Pyongyang is a microcosm of Korea's past, present and future, from which one can learn about and experience the history, unique culture, wisdom, talents and enchanting customs of the Korean people.







## Relationship with



5 March 1973 – Notification of adherence to the Chicago Convention

# Q-FAA



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

uva

#### Official Languages

English

#### Currency

Fijian Dollar

#### Area

18 200 km<sup>2</sup>

#### **Population**

800 000

#### **Gross Domestic Product**

USD 4 billion USD 4 543 per capita

Country Telephone Code

# Air Transport Statistics

#### International Airports

2

#### **Domestic Airports**

N/A

# International Passenger Traffic

1.7 million passengers

# International Cargo Traffic

672 584 metric tonnes

National Airlines with International Services

1

#### Foreign Airlines

11

## **Preparing for Tomorrow**

- ➡ With the Civil Aviation Institutional Reform of 2000, Fiji established its fully owned Air Navigation Service Provider (ANSP)/Airport and Aviation Security Operator (Airports Fiji Limited), separate from its autonomous civil aviation authority.
- A new Civil Aviation (Occurrence Reporting and Investigation Regulation) of 2009 addressed Universal Safety Oversight Audit Programme (USOAP) findings.
- In 2013, the State Safety Programme (SSP) and Safety Management Systems (SMS) became mandatory.
- Fiji's Civil Aviation Authority (CAAF) and MET Authority are ISO 9001:2008 Certified.
- Fiji hosts a mainstay of the aeronautical information network in the Asia/Pacific (APAC) Region and has upgraded its CNS/ATM Aeronautical Telecommunication Network (ATN) infrastructure and Automated Message Handling System (AMHS).
- Fiji Manages approximately 6.5 million km² of Flight Information Region (FIR).

## Did You Know... Travel and Tourism

Some 90 per cent of tourists to Fiji arrive by air. The national airline Fiji Airways, and its regional subsidiary Fiji Link, serve 16 destinations in 11 countries. The airlines have a combined fleet of 14 aircraft: three A330s, four B737NGs, four ATRs and three DHC6s.







ICAO

1 March 1947 – Deposit of instrument of ratification of the Chicago Convention

**▼** Cochin International Airport - solar panels





▲ India Aviation 2016: A biennial air show

# State Facts and Figures

### Capital

New Delhi

### Official Languages

Hindi

### Currency

Rupee

### Area

3.3 million km<sup>2</sup>

### Population

1.3 billion

### **Gross Domestic Product**

USD 1.6 trillion USD 1581 per capita

### **Country Telephone Code**

91

# Air Transport Statistics

### International Airports

24

### **Domestic Airports**

65

### International Passenger Traffic

50.8 million passengers

### International Cargo Traffic

1.5 million metric tonnes

### National Airlines with International Services

5

### Foreign Airlines

74

### **Preparing for Tomorrow**

- In order to meet the challenge posed by the phenomenal growth in Indian aviation (IATA forecast that India would be the 3<sup>rd</sup> largest aviation market by 2034), the following initiatives have been undertaken:
  - Commitment to highest level of safety and security through the implementation of ICAO SARPs
  - High level of compliance with Annex 17 standards as reported in the recent audit under ICAO's Universal Security Audit Programme
  - Development and modernization of airports through the Private Public Partnership (PPP) formula
  - Green initiatives in different airports through the use of solar power and efficient energy usage
  - Improved efficiency of air space with the introduction of ATFM and 100 per cent surveillance coverage of continental airspace
  - Reduction in carbon emissions with initiatives like more direct air routes and flexible use of airspace
  - GPS Aided GEO Augmented Navigation (GAGAN) over the Indian airspace for improved navigation
  - Investor-friendly policies for the air transport industry

### Did You Know... Travel and Tourism

India offers incredible attractions for travel and tourism:

• The state of Meghalaya in the north east of India is the wettest inhabited place on earth • White tigers are found only in India • The river Ganga is home to fresh water dolphins • Radhanagar beach in Andamans was named "Best Beach in Asia" by Times magazine • 'Palace on Wheel' is a unique luxury train from Delhi to Rajasthan



# INDONESIA



### Relationship with



27 April 1950 – Notification of adherence to the Chicago Convention

▼ Ngurah Rai International Airport, Bali





# State Facts and Figures

### Capital

Jakarta

### Official Languages

Bahasa Indonesia

### Currency

Rupiah

### Area

1 910 931 km<sup>2</sup>

### **Population**

249 million

### **Gross Domestic Product**

USD 888.5 billion USD 3 491 per capita

Country Telephone Code

62

# Air Transport Statistics

### International Airports

27

### **Domestic Airports**

210

### International Passenger Traffic

12 million passengers

### International Cargo Traffic

350 000 metric tonnes

### National Airlines with International Services

12

### Foreign Airlines

55

### **Preparing for Tomorrow**

- Connectivity provided by air transport is essential for Indonesia, the biggest archipelagic country in the world, with more than 17 500 islands covering an area extending 2 000 kilometres from north to south and 5 000 kilometres from east to west.
- Air transport is also fundamental for Indonesia to benefit from its abundant natural resources and bio-diversity, a haven for tourists, scientists and explorers alike.
- Two thirds of its citizens are under 35 years of age, one of the world's largest rising middle classes. It is a growing and lucrative market for investments, trade and tourism.
- While reliable air transport is critical to the country's development and growth, Indonesia is also focused on sound maritime transportation to enhance overall connectivity, in a complementary and harmonized manner.
- To foster inclusive prosperity for current and future generations, Indonesia uses ICT for education, to promote start-ups and to regulate content that might otherwise destroy social cohesion. Strict measures are enforced to foster green living.

### Did You Know... Travel and Tourism

Indonesia is a land of many wonders. It is home to the last living Jurassic animal on earth, named Komodo, also the world's heaviest lizard. It has a year-round friendly climate and exotic culinary diversity. Over 700 languages are spoken, 500 of them in Papua alone. Its people are descendants of various ethnic groups, often from various parts of the world. Indonesia is simply Wonderful!







8 September 1953 – Notification of adherence to the Chicago Convention

▼ Haneda Airport passenger terminal





▲ MRJ first flight in 2015 at Nagoya Airport

# State Facts and Figures

### Capital

Tokyo

### Official Languages

Japanese

### Currency

Yen

### Area

377 962 km<sup>2</sup>

### Population

127.3 million

### **Gross Domestic Product**

USD 4.6 trillion USD 36 194 per capita

### **Country Telephone Code**

81

# Air Transport Statistics

### International Airports

28

### **Domestic Airports**

97

### International Passenger Traffic

16 million passengers

### International Cargo Traffic

1.4 million metric tonnes

### National Airlines with International Services

7

### Foreign Airlines

102

### **Preparing for Tomorrow**

- ▶ Enhancing airport operations in the Tokyo Metropolitan Area is considered the top priority for Japan, anticipating a surge in aviation demand for the 2020 Tokyo Olympic and Paralympic Games. In August 2013, Japan established a committee consisting of representatives of local governments and other stakeholders to meet this demand. Among other things, the committee has been researching changes to arrival and departure flight paths at Haneda International Airport, aiming for an increase in the number of slots to 80 000 by then.
- ◆ Another notable event is the development by Mitsubishi Aircraft Corp. of the Mitsubishi Regional Jet (MRJ), the first-ever passenger jet to be developed in Japan. The MRJ made its debut on 11 November 2015 with a successful test flight. The first MRJ is currently scheduled for delivery to an airline customer around mid-2018; the Japan Civil Aviation Bureau is currently proceeding with the examination for its Type Certificate. The MRJ has a seating capacity of 88, boasts the lowest operating cost in its class and can fly 3 770 km.

### Did You Know... Travel and Tourism

Greater Nagoya, Japan's leading industrial hub and home to the MRJ manufacturer, is 90 minutes from Tokyo by the Shinkansen train. Also located there are the Toyota Head Office and such points of interest as the Kakamigahara Aerospace Science Museum, the Toyota Automobile Museum, and the JR Tokai SCMAGLEV and Rail Park. When visiting Nagoya, don't miss the local cuisine seasoned with miso paste!



# KIRIBATI



### Relationship with



14 April 1981 – Notification of adherence to the Chicago Convention

### New fleets





▲ Upgraded cargo screening security system

# State Facts and Figures

### Capital

South Tarawa

### Official Languages

English, Gilbertese

### Currency

Australian Dollar

### Area

810 km<sup>2</sup>

### **Population**

100 786

### **Gross Domestic Product**

USD 166.8 million USD 1604 per capita

### Country Telephone Code

686

# Air Transport Statistics

### International Airports

2

### **Domestic Airports**

19

### International Passenger Traffic

39 717 passengers

### International Cargo Traffic

182 400 metric tonnes

### National Airlines with International Services

N/A

### Foreign Airlines

2

### **Preparing for Tomorrow**

- The aviation industry in Kiribati has made tremendous progress in terms of development and capacity building to enhance the safety and security of air transport operations.
- ♠ At the same time, Kiribati has signed a series of agreements with nearby countries and continually negotiates new treaties to allow international aviation to grow and pave the way for the local airline to gain access to new and emerging markets.
- Under the Kiribati Aviation Implementation Programme, funded by the World Bank, the upgrading of the runway, navigational aids, terminals, and staff training has brought about significant improvements to infrastructure, services and compliance levels. As part of the KAIP's activities, separation of airport and regulator was achieved and the two entities are working independently since February 2015, thereby encouraging efficiency and effectiveness.
- The Government of Kiribati strongly supports the establishment of international air services and has assigned the national domestic airline, Air Kiribati Limited, to develop a business plan.

### Did You Know... Travel and Tourism

Kiribati is known as the best spot for fishing, a key attraction for most tourists. Full details can be accessed on the MICTTD website, at www.mcttd.gov.ki or kiribatitourism.gov.ki. For information on how to get to Kiribati, please visit the Fiji Airways or Air Nauru websites for flight schedules to Kiritimati or Tarawa.



# LAO PEOPLE'S DEMOCRATIC REPUBLIC\*



### Relationship with ICAO



13 June 1955 - Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

### Capital

Vientiane

### Official Languages

Lao

### Currency

New Kip

### Area

238 800 km<sup>2</sup>

### Population

6.6 million

### **Gross Domestic Product**

USD 11.8 billion USD 1707 per capita

**Country Telephone Code** 

**Domestic Airports** N/A

### International **Passenger Traffic**

**Air Transport** 

International Airports

**Statistics** 

785 891 passengers

### International **Cargo Traffic**

2 320 metric tonnes

**National Airlines with International Services** 

### Foreign Airlines

### **Preparing for Tomorrow**

- Lao Air Traffic Management and Airport Operators were transformed into service providers in 2009.
- Lao PDR has concluded air services agreements with 30 countries and signed the Multilateral Agreement for the Full Liberalization of Passenger Air Services (MAFLPAS) under the ASEAN "open skies" initiative.
- The Civil Aviation Training Centre of Lao PDR has conducted courses such as basic ATC, new CNS/ATM and flight training for PPL/CPL, under cooperative projects.
- The Flight Information Service was upgraded to Area Control Service in November 2001.
- International passenger movements have increased by 10% per year.

### Did You Know... Travel and Tourism

Lao PDR hosted the 10th ASEAN SUMMIT in 2004 and 9th ASEM in November 2012.



# MALAYSIA



### Relationship with



7 April 1958 – Notification of adherence to the Chicago Convention

▼ Malaysia Airlines Berhad





▲ AirAsia - Now Everyone Can Fly

# State Facts and Figures

### Capital

Kuala Lumpur

### Official Languages

Bahasa Malaysia

### Currency

Malaysia Ringgit (RM)

### Area

330 290 km<sup>2</sup>

### Population

31.2 million

### **Gross Domestic Product**

USD 338.1 billion USD 11307 per capita

### **Country Telephone Code**

60

### AirTransport Statistics

### International Airports

6

### Domestic Airports

16

### International Passenger Traffic

86.4 million passengers

### International Cargo Traffic

979 428 metric tonnes

### National Airlines with International Services

8

### Foreign Airlines

77

### **Preparing for Tomorrow**

- ◆ The 2015 "Malaysian Aerospace Industry Blueprint 2030 Cruising into a Complete Aero-systems Life Cycle" reflects the aspiration of the Malaysian aerospace industry that, "by 2030, Malaysia will be the number one aerospace nation in South East Asia and an integral part of the global aerospace market".
- ◆ The Malaysia Aviation Academy (MAvA) having completed all the requirements to attain TRAINAIR Plus full membership including the successful development of its first Standardized Training Package (STP), is officially now a Full Member of the ICAO TRAINAIR PLUS Programme (TPP) network of training organisations.
- The New KL ATCC Project, being built at a cost of USD 200 million, will champion ICAO's ASBU approach. From 2019, it will handle the forecasted growth in traffic in the Kuala Lumpur FIR up to 2028 and beyond.
- ◆ To strengthen its commitment to a strong oversight system based on ICAO SARPs, the Government in 2015 transformed the Department of Civil Aviation into an autonomous Civil Aviation Authority. Also, Parliament established the Malaysian Aviation Commission to act as the economic regulatory body for the aviation industry and consumers.

### Did You Know... Travel and Tourism

Always looking ahead, Malaysia built klia<sup>2</sup> at a cost of USD 1.3 billion to cater to the "low-cost" segment of the industry. With a capacity up to 45 million passengers a year, klia<sup>2</sup> is the world's largest terminal built specifically for low-cost carriers. It features superior facilities and enhanced passenger convenience.

# Malaysia-Soaring High While Flying Safe

Civil aviation in Malaysia has progressed in tandem with global trends. In the early stages, Malaysian aviation focused on domestic services, including bridging the divide between Peninsular Malaysia, Sabah and Sarawak. Today, civil aviation is an integral part of Malaysia's economy and contributes much through connecting the nation to global markets. It has facilitated trade, expanded export markets, generated tourism and become a key driver of business and commerce.

### **Liberal Aviation Regime**

Liberalization is essential to the growth of air transport and the sustainability of global aviation. Malaysia's signing and ratification of ASEAN "open skies" agreements allows designated carriers to operate third, fourth and fifth freedom traffic rights between any of the ASEAN cities, with unlimited frequencies and aircraft type.

Malaysia's national carrier, Malaysia Airlines, currently flies to 54 destinations across three continents, thanks largely to Malaysia's liberal aviation regime. Its membership in the **one**world alliance will further expand Malaysia's route network, enhance connectivity and facilitate diversification beyond traditional markets. Other Malaysia-based airlines such as Air Asia, Malindo Air, Firefly, Raya Airways and MASwings that currently fly to 119 destinations have furthered the development of the aviation industry in Malaysia.

### **Leading Low-Cost Carrier**

A series of deregulation measures have transformed global aviation. This transformation has created a more competitive environment and led to the growth of the airline industry, primarily through the emergence of low-cost carriers or LCCs. The low-cost carrier concept continues to evolve into a more dynamic and competitive marketplace.



### MORE ABOUT MALAYSIA



Malaysia has contributed significantly to the growth of the low-cost carrier segment in the Asia/Pacific Region. Malaysia's AirAsia, with its catchphrase 'Now Everyone Can Fly', is Asia's first and largest low-cost carrier. It is also a powerful testimony to the fact that the low-cost airline model works in Asia. To expand the low-cost carrier market, AirAsia has joint ventures in Thailand, Indonesia, the Philippines and India. AirAsia is awarded with the World's Best Low-Cost Airline Award by Skytrax for 8th year in a row, while AirAsia X is awarded with the World's Best Low-Cost Airline Premium Cabin and Premium Cabin Seat for the 4th consecutive year.

### Aspirations to Become an Aerospace Nation

Seventeen years after the launch, in 1997, of the first national aerospace blueprint "Piloting the Aerospace Industry Take-Off", Malaysia boasts an internationally recognized aerospace industry. Now an integral part of the national economy, the industry has seen revenues grow from RM 0.9 billion in 1998 to RM 11.8 billion in 2014. It also provides more than 19 500 job opportunities and some 150 aerospace companies are now established in the country, a threefold increase compared to 1998.

Through the Malaysian Aerospace Council's (MAC) leadership, the industry received support from various Government agencies under business-friendly policies and investment incentives. Investments by local and foreign businesses have helped in clustering aerospace industry players, for example the MRO business at the Malaysia International Aerospace Centre (MIAC), in Subang. Industry-led aerospace R&T is now undertaken with the involvement of local players and major OEMs - Airbus & Rolls-Royce. Malaysia also participated in international aircraft development programmes for the A400M and secured several "design and build" work packages for the A380 and A350.

At the Langkawi International Maritime and Aerospace (LIMA) Exhibition in 2015, the Prime Minister of Malaysia launched the 'Malaysian Aerospace Industry Blueprint 2030 – Cruising into a Complete Aero-systems Life Cycle'. It is the shared aspiration of the Malaysian aerospace industry stakeholders to ensure continued growth of the industry. Malaysia's intent is to be involved in higher value, upstream activities of aircraft life cycle. The desired end state of the Malaysian industry in 2030 can be condensed into the following statement: "By 2030, Malaysia will be the number One aerospace nation in South East Asia and be an integral part of the global aerospace market".

### **Extensive Airport Network**

Malaysia has an active investment policy for airports, and a well-developed and extensive airport network. Airport infrastructure is important, as air transport plays a major role in Malaysia's economic activities and national competitiveness.

Malaysia's main gateway, the Kuala Lumpur International Airport or KLIA, reflects the success of an active investment policy and supply driven airport infrastructure capacity development. The KLIA, which has three parallel

### MORE ABOUT MALAYSIA



Since aviation industries and tourism are interrelated, the Government of Malaysia strives to continually improve connectivity between Peninsular Malaysia, Sabah, Sarawak and also neighbouring ASEAN countries. The impact of Malaysia's aviation policy, including tourism-friendly initiatives, will generate increasing numbers of traveller arrivals in Malaysia.

sector and sustainable growth, the nation is committed to continuously strengthening the aviation industry and aspires to be a leading aviation nation in the Asia/Pacific Region.

runways, can handle 70 million passengers per annum and has sufficient future capacity expansion capability to handle up to 100 million passengers per annum.

klia2 is the new terminal at the Kuala Lumpur International Airport. Designed to meet the continued demand for low-cost carriers, klia2 was commissioned on 2 May 2014 and is the world's largest purpose-built terminal for low-cost carriers. Erected at a cost of USD 1.3 billion, the new 45-million passengers per annum terminal boasts superior facilities, provides enhanced passenger convenience and has a refreshing airport-within-a-mall concept that merges a retail mall experience with air travel.

### **Commitment to Aviation Safety and Security**

Malaysia is committed to continuous safety and security enhancements, in line with ICAO's Strategic Objectives. Malaysian aviation authorities are committed to a strong oversight system, with the highest standards of safety and security, and work closely with all stakeholders in compliance with ICAO Standards and Recommended Practices. In support of ICAO's 'No Country Left Behind' goals, Malaysia is fully committed to effectively implement global aviation standards and give priority to aviation in its national development plans.

### **Vibrant Aviation and Tourism Sector**

Aviation is the primary enabler for Malaysia's globalized, export-oriented and tourism-dependent economy. Malaysia has reaped the benefits from aviation with long-term strategies, a clear aviation policy, new services, strategic development objectives, compliance with ICAO's Standards and Recommended Practices, international collaboration and a renewed focus on growth areas. With a vibrant aviation









12 March 1974 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Male

### Official Languages

Dhivehi

### Currency

Rufiya

### Area

298 km<sup>2</sup>

### **Population**

298 km<sup>2</sup>

### **Gross Domestic Product**

USD 3 billion USD 10 829 per capita

Country Telephone Code

# Air Transport Statistics

International Airports

1

### **Domestic Airports**

N/A

### International Passenger Traffic

2.3 million passengers

### International Cargo Traffic

383 500 metric tonnes

National Airlines with International Services

2

### Foreign Airlines

32

### **Preparing for Tomorrow**

- Maldives, with four other Member States, is working with ICAO to formulate a model regulation for water aerodrome operations in the APAC Region.
- Concluded bilateral air services agreements with 46 countries.
- ➡ Between 2011 and 2013, passenger traffic at airports increased by 6.6%, from 3.76 million passengers to 4.01 million passengers, while freight increased by 4.8%, from 37 700 metric tonnes to 39 500 metric tonnes.
- Maldives currently has four AOC holders, one FTO, and a total of 68 aircraft on its civil registry consisting of 10 aircraft types.

### Did You Know... Travel and Tourism

Maldives has the world's largest fleet of Twin Otters, with more than a decade of operational experience. It also has the largest water aerodrome operation in the world, with more than 70 landing sites and handling an average of 300 daily movements carrying 500 000 passengers annually.



# MARSHALL ISLANDS\*



### Relationship with



18 March 1988 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Majuro

### Official Languages

Marshallese, English

### Currency

U.S. Dollar

### Area

180 km<sup>2</sup>

### Population

52 555

### **Gross Domestic Product**

USD 173 million USD 3 292 per capita

### **Country Telephone Code**

692

# Air Transport Statistics

### International Airports

1

### Domestic Airports

N/A

### International Passenger Traffic

19 138 passengers

### International Cargo Traffic

492 metric tonnes

### National Airlines with International Services

0

### Foreign Airlines

2

### **Preparing for Tomorrow**

- The Marshall Islands are served through the Marshall Islands International Airport in Majuro, the Bucholz Army Airfield in Kwajalein and other small airports and airstrips.
- Air Marshall Islands operates inter-island services in the Central Pacific. Its main base is Marshall Islands International Airport.

### Did You Know... Travel and Tourism

In October 2011, the government declared that an area of nearly 2 million km<sup>2</sup> of ocean would be reserved as a shark sanctuary, the largest in the world. In the protected waters, all shark fishing is banned and all by-catch must be released.



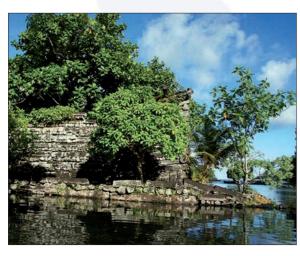
# MICRONESIA\* (FEDERATED STATES OF)



### Relationship with ICAO



27 September 1988 - Notification of adherence to the Chicago Convention



As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# **Facts and Figures**

### Capital

Palikir

### Official Languages

English

### Currency

U.S. Dollar

### Area

700 km<sup>2</sup>

### Population

103 395

### **Gross Domestic Product**

USD 326 million USD 3 235 per capita

### **Country Telephone Code**

### **Air Transport Statistics**

### International Airports

### **Domestic Airports**

N/A

### International **Passenger Traffic**

N/A passengers

# International Cargo Traffic

N/A passengers

# National Airlines with International Services

N/A

### Foreign Airlines

N/A

### **Preparing for Tomorrow**

The region's major airline is Continental Micronesia.

### Did You Know... Travel and Tourism

The islands of Micronesia are strewn across thousands of square kilometres. They offer a world-class diving destination of warm coral seas and tiny tropical islands.



# MONGOLIA



### Relationship with



7 September 1989 – Notification of adherence to the Chicago Convention



# State Facts and Figures

### Capital

Ulaanbaatar

### Official Languages

Mongolian

### Currency

Tugrik

### Area

1 564 115 km<sup>2</sup>

### Population

3 million

### **Gross Domestic Product**

USD 12 billion USD 4 129 per capita

### Country Telephone Code

976

# Air Transport Statistics

### International Airports

1

### Domestic Airports

18

### International Passenger Traffic

765 924 passengers

### International Cargo Traffic

4 177 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

160

### **Preparing for Tomorrow**

- ► From 2012 to 2015, a number of ANS technology enhancement projects were implemented. As a result, 80 per cent of Mongolian airspace and 100 per cent of en route operations are covered by surveillance services. From 2010 to 2015, overflights increased by 20 per cent.
- In 2017, Mongolia will host the 54th Directors General of Civil Aviation Conference.
- The new international airport, currently under construction, will be operational in 2017.
- The Civil Aviation Authority of Mongolia announced the NORTH PASS project, featuring the most direct routes linking East Asia with Europe, and Southeast Asia with North America.

### Did You Know... Travel and Tourism

Ulaanbaatar is a city of nomads, where a culture of hospitality has been ingrained over the centuries. Today, visitors are spoiled in terms of activities, with a wide range of business and leisure facilities offering world-class dining, recreation and, always, service with a smile. Ulaanbaatar connects Europe and Asia through the Trans-Siberian Railway and direct international flights.







ICAO

8 July 1948 – Notification of adherence to the Chicago Convention

▼ Mandalay Royal Palace, Mandalay Region





▲ Inle Lake, Shan State

# State Facts and Figures

### Capital

Nay Pyi Taw

### Official Languages

Myanmar

### Currency

Kyat

### Area

676 577 km<sup>2</sup>

### Population

51.5 million

### **Gross Domestic Product**

USD 64.3 billion USD 1203 per capita

### **Country Telephone Code**

95

# Air Transport Statistics

### International Airports

3

### **Domestic Airports**

30

### International Passenger Traffic

3.4 million passengers

### International Cargo Traffic

26 000 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

26

### **Preparing for Tomorrow**

The Department of Civil Aviation of Myanmar is striving for better tomorrows by creating and continually strengthening a safe, secure, efficient, sustainable and environmentally friendly aviation industry in Myanmar.

### Did You Know... Travel and Tourism

Year over year, Myanmar has become an emerging tourist destination. Visitors are mostly drawn to the unspoiled culture, warm hospitality, genuine kindness and natural beauty of the country and its people. Myanmar features six flagship destinations – Yangon and Shwedagon Pagoda, Bagan, Inle Lake, Kyaikhto, Mandalay, and Ngapali Beach. Together, they account for the bulk of international arrivals.



# NAURU\*



### Relationship with



25 August 1975 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Yaren

### Official Languages

Nauruan

### Currency

Australian Dollar

### Area

21 km<sup>2</sup>

### Population

9 378

### **Gross Domestic Product**

USD N/A

USD N/A per capita

### Country Telephone Code

674

# Air Transport Statistics

### International Airports

N/A

### **Domestic Airports**

N/A

### International Passenger Traffic

N/A passengers

### International Cargo Traffic

N/A metric tonnes

### National Airlines with International Services

N/A

### Foreign Airlines

N/A

### **Preparing for Tomorrow**

Nauru International Airport, the sole airport on the island of the Republic of Nauru, is currently serving four international destinations, with Nauru's national Airline, Nauru Airlines.

### Did You Know... Travel and Tourism

The people of Nauru are comprised of 12 tribes, as symbolized by the 12-pointed star on the Nauru flag and are believed to be a mixture of Micronesian, Polynesian and Melanesian descent.







29 June 1960 – Notification of adherence to the Chicago Convention

▼ Syangboche Airport





▲ Dolpa Airport

### State Facts and Figures

### Capital

Kathmandu

### Official Languages

Nepali

### Currency

Nepalese Rupee

### Area

147 171 km<sup>2</sup>

### Population

26.6 million

### **Gross Domestic Product**

USD 19.8 billion USD 701 per capita

### **Country Telephone Code**

977

# Air Transport Statistics

### International Airports

1

### **Domestic Airports**

49

### International Passenger Traffic

3.5 million passengers

### International Cargo Traffic

20 163 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

25

### **Preparing for Tomorrow**

- Construction of Gautam Buddha Regional International Airport, at Bhairahawa, is in progress. The airport is expected to be operational in early 2018 and will prove critical in further developing nearby Lumbini, the birthplace of Lord Buddha, as an attractive cultural and tourist destination.
- Similarly, the process for the construction of the regional international airport at Pokhara is well under way. Pokhara is one of the major tourist destinations of Nepal and the new airport will play a pivotal role in the enhancement of the Nepalese tourism industry.

### Did You Know... Travel and Tourism

Nepal features eight of the ten highest peaks in the world. Lukla Airport, at an elevation of 2 846 meters, is the gateway to Mount Everest, the highest peak on earth. Daily mountain flights make it possible to reach the panoramic view of the ranges in one hour.



# NEW ZEALAND



### Relationship with



7 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Main Airport - Auckland





▲ Air New Zealand

# State Facts and Figures

### Capital

Wellington

### Official Languages

English, Māori, NZ Sign Language

### Currency

New Zealand Dollar

### Area

269 652 km<sup>2</sup>

### Population

4.4 million

### **Gross Domestic Product**

USD 200.1 billion USD 41 370 per capita

### **Country Telephone Code**

64

# Air Transport Statistics

### International Airports

8

### Domestic Airports

25

### International Passenger Traffic

4.8 million passengers

### International Cargo Traffic

A/N

### National Airlines with International Services

3

### Foreign Airlines

14

### **Preparing for Tomorrow**

- New Zealand is a regular participant in at least 24 global and Asia/Pacific regional Panels, Working Groups, Task Forces, and Study Groups.
- New Zealand's first air service licence was issued in 1934 and the first scheduled international air services commenced in 1939, utilising flying boats on trans-Tasman and South Pacific routes.
- Air New Zealand was the launch customer for the Boeing 787-9 and took delivery on 11 July 2014.
- Air New Zealand flies to 26 international destinations, plus those served by code-share partners.
- There were 4 882 aircraft on the New Zealand register as at 31 March 2014.
- Licensed personnel included over 10 000 active pilots (excluding holders of recreational pilot certificates), 380 air traffic controllers and 2 660 aircraft maintenance engineers.

### Did You Know... Travel and Tourism

Every southern summer, some 100 flights leave Christchurch Airport in support of the U.S., New Zealand and Italian Antarctic research programmes. Christchurch has been the aerial gateway to the Ross Sea region of Antarctica since the mid-1950s.



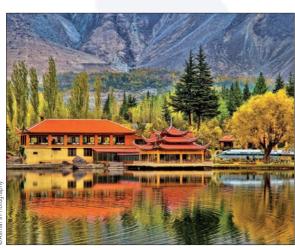




6 November 1947 – Notification of adherence to the Chicago Convention

▼ Jinnah Int'l Airport Karachi





▲ Skardu, Pakistan

### State Facts and Figures

### Capital

Islamabad

### Official Languages

English

### Currency

Pakistan Rupee

### Area

796 095 km<sup>2</sup>

### Population

188 million

### **Gross Domestic Product**

USD 243.6 billion USD 1316 per capita

### **Country Telephone Code**

92

# Air Transport Statistics

### International Airports

13

### **Domestic Airports**

9

### International Passenger Traffic

11.1 million passengers

### International Cargo Traffic

217 000 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

22

### **Preparing for Tomorrow**

- Pakistan is upgrading its air navigation infrastructure, part of its commitment to provide a safe, efficient and secure airspace environment, and meet the challenges posed by next generation aircraft. At the same time, ground infrastructure is being improved by developing a northern hub, the New Islamabad International Airport, and upgrading existing airports. These improvements will enhance the safety and efficiency of the air transportation system, in line with ICAO Global & Regional Air Navigation Plans.
- Pakistan is also committed to implementing its State Safety Programme and strengthening its regulatory framework in order to ensure compliance with relevant provisions of ICAO SARPs and PANS.
- A new aviation policy was formulated in 2015, with the intention of bringing the aviation industry of Pakistan at par with the world's leading nations.
- ICAO TRAINAIR PLUS membership for the Civil Aviation Training Institute, coupled with its modernization in line with technological advancements, will ensure the availability of skilled human resources to meet future requirements.

### Did You Know... Travel and Tourism

Pakistan has five of the highest mountain peaks in the world. Valleys in these areas are fascinating. Archaeological sites at Taxilla, Harrapa & Moenjodaro were home to some of the oldest civilizations. There are six UNESCO World Heritage Sites while 18 more are candidates. Pakistan offers opportunities for scuba diving, golfing and polo in the picturesque foothills of Hindukash and Himalyas.







4 October 1995 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Ngerulmud, Melekeok

### Official Languages

English and Palauan

### Currency

U.S. Dollar

### Area

444 km<sup>2</sup>

### Population

20 956

### **Gross Domestic Product**

USD 250.6 million USD 11 879 per capita

### **Country Telephone Code**

680

# Air Transport Statistics

### International Airports

1

### Domestic Airports

N/A

### International Passenger Traffic

100 000 passengers

### International Cargo Traffic

N/A metric tonnes

### National Airlines with International Services

0

### Foreign Airlines

9

### **Preparing for Tomorrow**

- Since 2006, Palau through the U.S. Federal Aviation Administration Air Port Improvement Program, has received grants to improve the Palau International Airport Runway, Security Fence, and including notably a newly built Aircraft Rescue and Fire Fighting (ARFF) Facility.
- In 2003, Palau International Airport opened its new terminal building thanks to a grant from the Government of Japan. The total cost of the project is estimated at USD 15 million.
- Palau is the recipient of Civil Aviation Training Awards, through the Civil Aviation Authority of Singapore, to help train personnel working in the aviation industry.

### Did You Know... Travel and Tourism

In 2010, Palau received its  $100\,000^{\text{th}}$  visitor, as part of a married couple from Japan.



# PAPUA NEW GUINEA\*



### Relationship with



15 December 1975 – Notification of adherence to the Chicago Convention

# CUNEA ARMAYS. VH-UOW



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Port Moresby

### Official Languages

Tok Pisin, Hiri Motu, English

### Currency

Kina

### Area

463 000 km<sup>2</sup>

### Population

7.2 million

### **Gross Domestic Product**

USD 15.7 billion USD 2184 per capita

### **Country Telephone Code**

675

# Air Transport Statistics

### International Airports

1

### Domestic Airports

N/A

### International Passenger Traffic

500 000 passengers

### International Cargo Traffic

16 000 metric tonnes

### National Airlines with International Services

1

### Foreign Airlines

1

### **Preparing for Tomorrow**

- Construction of the LNG (liquefied natural gas) Project required building a 3.2 kilometre runway at Komo Airport, long enough for the largest cargo aircraft in the world – the Antonov AH124.
- There are 22 national airports and over 300 airstrips serving the rural population of PNG.
- The first plane to use Lae airstrip in 1927 was a de Havilland DH-E7 biplane, soon overshadowed by the use of state-of-the-art Junkers W34 and the tri-motor G31 aeroplane.
- The use of these aircraft was the real start of commercial aviation between 1921 and 1938, many world records for the carriage of passengers and cargo were held by PNG.

### Did You Know... Travel and Tourism

By 1933, Wau was the busiest aerodrome in the world in terms of aircraft movements and Lae airstrip handled a greater tonnage of air cargo than anywhere else on the planet.



# PHILIPPINES



### Relationship with



1 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Ninoy Aquino International Airport





# State Facts and Figures

### Capital

Manila

### Official Languages

Filipino and English

### Currency

Peso

### Area

300 000 km<sup>2</sup>

### Population

97.7 million

### **Gross Domestic Product**

USD 284.8 billion USD 2872 per capita

### Country Telephone Code

63

# Air Transport Statistics

### International Airports

11

### Domestic Airports

74

### International Passenger Traffic

32.3 million passengers

### International Cargo Traffic

582 528 metric tonnes

### National Airlines with International Services

8

### Foreign Airlines

42

### **Preparing for Tomorrow**

- The CAAP has regained its reputation as a credible civil aviation authority within the global aviation community by enhancing compliance with ICAO Standards and Recommended Practices, and by strengthening its collaborative efforts with both local and foreign aviation bodies.
- ◆ To build on this achievement, the CAAP has developed the "CAAP Flight Plan 2020", a medium-term strategic plan that outlines its priority programmes for the next five years.
- To address the challenge of developing the "Next Generation of Aviation Professionals", the CAAP initiated in November 2015 its first group of candidates for the Civil Aviation Officer Candidate Scholarship Program.
- By October 2016, the CAAP will start offering the Advanced Masters Course in Aviation Safety Management, with the cooperation of the DGAC of France, ENAC University and Airbus.
- In terms of ATM efficiency, the CAAP anticipates the completion of the CNS/ATM facility by December 2016, which will result in increased surveillance over the Manila FIR and better air traffic flow management.

### Did You Know... Travel and Tourism

With 7 107 islands, the Philippines is known for its abundant biodiversity. Its beaches, mountains, rainforests and surfing and diving spots are among its most popular tourist attractions. This paradise getaway offers a rich cultural heritage, with major influences coming from Spain, China, America, Japan, India and Korea, and an east-meets-west cuisine served with heart-warming hospitality.



# REPUBLIC OF KOREA



### Relationship with



ICAC

11 November 1952 – Notification of adherence to the Chicago Convention

▼ Changdeokgung Palace, World Cultural Heritage





▲ Incheon International Airport

# State Facts and Figures

### Capital

Seoul

### Official Languages

Korean

### Currency

Won (KRW)

### Area

100 326 km<sup>2</sup>

### Population

51 million

### **Gross Domestic Product**

USD 1.4 trillion USD 27 970 per capita

### **Country Telephone Code**

82

# Air Transport Statistics

### International Airports

8

### Domestic Airports

7

### International Passenger Traffic

57 million passengers

### International Cargo Traffic

3 million metric tonnes

### National Airlines with International Services

8

### Foreign Airlines

86

### **Preparing for Tomorrow**

- Improving aviation safety, which has been and will remain the top priority, through enhancing proactive safety risk management.
- Moving towards a harmonized global air navigation system built on modern performance-based procedures and technologies, to increase capacity and improve environmental efficiency.
- Evolving to become an aviation network hub for Northeast Asia, by expanding its international aviation network.
- Strengthening consumer policies to protect the rights of an ever-growing number of air transport users, while improving convenience and accessibility.
- Supporting, both directly and indirectly, the harmonized development of international aviation safety and security, consistent with ICAO's 'No Country Left Behind' campaign.

### Did You Know... Travel and Tourism

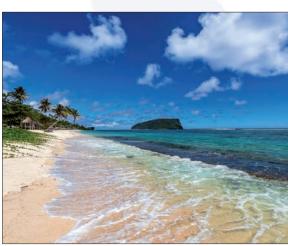
Gangnam Style made a splash, reaching over 2.5 billion views on YouTube. The "Korean Wave", which has become synonymous with the country itself, is breaking into TV shows, cuisine and sports. Exposure to the Korean Wave under its many guises is sure to inspire a deep appreciation of everything Korean, beyond individual artists or works. The more you know, the more you'll love it!







21 November 1996 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Apia

Official Languages

Samoan

### Currency

Tala

### Area

2831 km<sup>2</sup>

### Population

188 889

### **Gross Domestic Product**

USD 800.6 million USD 4173 per capita

### **Country Telephone Code**

685

# Air Transport Statistics

### International Airports

4

**Domestic Airports** 

N/A

International Passenger Traffic

N/A passengers

### International Cargo Traffic

N/A metric tonnes

National Airlines with International Services

3

### Foreign Airlines

3

### **Preparing for Tomorrow**

- Of the four airports in Samoa, three are managed and operated by the Samoa Airport Authority, a State-owned Enterprise, and the other by Polynesian Holdings Limited.
- Air transport services to and from Samoa are in accordance with air services agreements (ASA) entered into by Samoa with other States.
- Currently, official protocols are being conducted to commence negotiations with the Government of Turkey, the United Arab Emirates, Singapore and China for bilateral ASAs. These have progressed from "standard" bilateral discussions to "open skies", in keeping with global deregulation and liberalization, as encouraged by ICAO.
- The third and fully liberalized ASA framework of which Samoa is a party is the Multi-Lateral Agreement on the Liberalization of Air Transport (MALIAT).

### Did You Know... Travel and Tourism

The fa'a Samoa, or traditional way, remains a strong force in Samoan life. Despite centuries of European influence, Samoa maintains its historical customs, social and political systems, and language. Items of cultural value include the finely woven 'ie toga.



# SINGAPORE



### Relationship with



20 May 1966 – Notification of adherence to the Chicago Convention

**▼** Looking up the Changi Control Tower





▲ Gardens By The Bay: Lighting up our skyline

# State Facts and Figures

### Capital

Singapore

### Official Languages

English, Malay, Chinese, Tamil

### Currency

Singapore Dollar

### Area

718 km<sup>2</sup>

### Population

5.5 million

### **Gross Domestic Product**

USD 307.9 billion USD 56 286 per capita

### **Country Telephone Code**

65

# Air Transport Statistics

### International Airports

2

### **Domestic Airports**

N/A

### International Passenger Traffic

55.5 million passengers

### International Cargo Traffic

1.9 million metric tonnes

### National Airlines with International Services

6

### Foreign Airlines

114

### **Preparing for Tomorrow**

2016 marks 50 years of Singapore's membership in ICAO, and our continued commitment to furthering ICAO's vision for sustainable civil aviation growth by:

- ➡ Building aviation human capacity through the Singapore Aviation Academy, an ICAO Regional Centre of Excellence which has trained over 90 000 aviation professionals and continually applies advanced pedagogy to engage the next generation;
- ➡ Building future-ready Air Traffic Management (ATM) innovations to manage one of the busiest Flight Information Regions, supported by Singapore's Centre of Excellence for ATM to drive R&D for safer and more efficient flight operations; and
- Duilding on our liberal aviation policy, with over 130 air services agreements to support Singapore as a key air hub for trade, travel and tourism.

### Did You Know... Travel and Tourism

- Changi Airport serves over 100 airlines connecting to some 320 cities in 80 countries worldwide.
- ♠ A UNESCO World Heritage Site, the Singapore Botanic Gardens is the inspiration for our biodiversity and Garden City.
- Singapore's culinary scene boasts unique local cuisines and fusion gourmet creations reflecting our ethnic and cultural diversity.



Man has moved ceaselessly across the globe in search of greener pastures, first on foot, then on horse-back, camel, carts, chariots, ships with oars, ships with sails, ships with engines. In the 20th century, man has taken to the air and into space. A most important driver in globalisation has been the speed and reliability of air travel. Aviation and globalisation have helped Singapore to become a global economic hub and made it a cosmopolitan city.

### - SINGAPORE'S FIRST PRIME MINISTER, LEE KUAN YEW

A vibrant global air hub today, Singapore's success has been partly a result of ICAO's global framework for international civil aviation - a collective commitment of Member States to agreed principles and arrangements for international civil aviation to develop in a safe and orderly manner and for the establishment of international air transport services on the basis of equality of opportunity, operating soundly and economically. These ICAO principles are particularly beneficial to small island States like Singapore, linking our transportation, trade and tourism to the rest of the world.



### **PURSUING A LIBERAL AIR SERVICES POLICY**

Leveraging on ICAO's freedoms of the air regime, Singapore is a beneficiary and proponent of air services liberalization, having concluded over 130 air services agreements including 60 Open Skies.

An enabling engine of growth, the open skies policy has helped to drive the strong development of aviation in Singapore - from under 1 million passengers in 1966, Singapore's bustling air hub now serves over 55 million passengers today.

In anticipation of continued buoyant growth under the liberal air services framework, Singapore Changi Airport has laid the foundations and begun building for the future, embarking on the next phase of expansion to double annual passenger handling capacity to 135 million.

### BUILDING CAPACITY FOR THE FUTURE

I CAO is instrumental to integrating and galvanizing States and setting the pace for modernizing and developing a coherent global aviation system for the future. The Global Air Navigation Plan (GANP) has laid the foundation to guide aviation stakeholders for the modernization of ATM a vision of seamless, harmonious and efficient ATM systems through the Aviation System Block Upgrades.

The ICAO GANP will benefit the Asia Pacific region directly by creating the capacity and solution for busy

skies with Asia's phenomenal traffic growth. Singapore supports ICAO's vision through the establishment of the Centre of Excellence for Air Traffic Management (CoE for ATM), a vibrant and self-sustaining eco-system of research institutes and global partnerships contributing to research and development for future ATM solutions. Some of the on-going projects include remote control towers for busy airports, traffic management systems for unmanned aircraft systems, and the review of the obstacle limitation surface.

The application of technology is also evident in current operations. We have been guided by ICAO's preference to harness advances in air navigation technologies and operational processes and have developed a third-generation air navigation system equipped with future-ready features to meet the increasing complexities of air travel demands. An operational trial of a new multi-nodal air traffic flow management system that will benefit flights in the region is on-going.

As we grow our capacity to meet the needs of the future, our capabilities as a regulator to ensure the safety and security of aviation must develop and deepen in tandem. Therefore, Singapore continues to devote considerable effort and resources to maintain a robust safety oversight system, which enabled our USOAP Effective Implementation score of 98.6%. Our continued participation in ICAO panels and expert groups remain integral to our capability and capacity building efforts.





## PROGRESSING AVIATION HUMAN CAPITAL DEVELOPMENT

Singapore is acutely mindful of the importance of education and training to a country's development. In our aviation infancy, Singapore benefitted from more advanced countries willing to share their aviation expertise, knowledge and resources.

Hungry for more access to training opportunities, our air traffic controllers set up the Singapore Aviation Academy in 1958 in an empty hangar with improvised "simulators". Today, the Academy houses four Schools for Aviation Management, Aviation Safety and Security, Air Traffic Services and Airport Emergency Services with state-of-the-art training facilities and simulators.

Having previously been a beneficiary of others' goodwill, Singapore has sought to pay it forward. Since the 1970s, we have partnered the United Nations and ICAO to offer fellowships and scholarships to make training at the Singapore Aviation Academy accessible to all States. The Academy is designated an ICAO Regional Training Centre of Excellence, and supports its Next Generation Aviation Professionals initiatives and training under the "No Country Left Behind" programme.





# SOLOMON ISLANDS



### Relationship with



11 April 1985 – Notification of adherence to the Chicago Convention

# Solomons



# State Facts and Figures

### Capital

Honiara

### Official Languages

English

### Currency

Solomon Islands Dollar

### Area

27 990 km<sup>2</sup>

### Population

549 598

### **Gross Domestic Product**

USD 1.2 billion USD 2 024 per capita

### Country Telephone Code

677

# AirTransport Statistics

### International Airports

1

### Domestic Airports

20

### International Passenger Traffic

150 000 passengers

### International Cargo Traffic

1500 metric tonnes

### National Airlines with International Services

1

### Foreign Airlines

5

### **Preparing for Tomorrow**

- By January 2017, the Government will establish and certify an airport company to manage, develop and modernize the airport system. Related developments in this sector will include:
  - Tar sealing of three additional domestic aerodromes, to facilitate DHC-8 operations and extend tourism reach to provinces
  - undertaking Phase 2 developments at Munda Airport, to ensure its status as a weather alternate facility for Honiara International Airport.
  - Phase 2 activities will include fencing, ground lighting, and facilities for fire fighting and navigation aids
  - extending the Honiara International Airport runway by a further 300 meters to accommodate larger aircrafts
  - expanding two parking bays of the Honiara International Airport apron, to provide extra capacity for aircraft operations

### Did You Know... Travel and Tourism

Guadalcanal Island, where the capital Honiara is located, was the theatre of some of the fiercest battles of World War II. Iron Bottom Sound was the name given to the stretch of water between Guadalcanal and Florida Islands, due to the number of sunken ships during the war. This makes it an attractive diving site for many visiting tourists who can explore the wrecks that litter its bottom.



# SRI LANKA



### Relationship with



ICAC

I June 1948 – Notification of adherence to the Chicago Convention



# State Facts and Figures

### Capital

Sri Jayawardenepura Kotte

### Official Languages

Sinhala, Tamil

### Currency

Sri Lanka Rupee

### Area

65 610 km<sup>2</sup>

### Population

20.5 million

### **Gross Domestic Product**

USD 80 billion USD 3 650 per capita

### Country Telephone Code

94

# Air Transport Statistics

### International Airports

2

### **Domestic Airports**

28

### International Passenger Traffic

8.5 million passengers

### International Cargo Traffic

215 031 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

27

### **Preparing for Tomorrow**

- Sri Lanka is the host State for the 53rd Conference of Directors General of Civil Aviation, Asia/Pacific Region.
- The country takes an active part in regional aviation safety and security initiatives. - The Government plans to develop the domestic airports in order to ameliorate the air traffic flow within the country.
- Sri Lanka's tourism industry has recorded a year-on-year growth rate of 15,08 per cent.
- Major hotel development projects currently underway in Sri Lanka include Shangri-La Colombo and Hambanthota, Sheraton Hotels and Resorts Colombo, and Movenpick Hotels & Resorts Colombo.

### Did You Know... Travel and Tourism

Sri Lanka offers visitors a remarkable combination of stunning landscapes, pristine beaches, a captivating cultural heritage and unique experiences within a compact location. There are eight UNESCO World Heritage Sites and 15 national parks showcasing an abundance of wildlife.

Sri Lanka is fast gaining in popularity in the Meetings, Incentives, Conferences, and Events (MICE) of the tourism industry, with a growth rate of 11 per cent.







4 April 1947 – Deposit of instrument of ratification of the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

### State Facts and Figures

### Capital

Bangkok

### Official Languages

Thai

### Currency

Baht

### Area

510 890 km<sup>2</sup>

### Population

66.8 million

### **Gross Domestic Product**

USD 373.8 billion USD 5560 per capita

### **Country Telephone Code**

66

# Air Transport Statistics

### International Airports

10

### **Domestic Airports**

N/A

### International Passenger Traffic

54.9 million passengers

### International Cargo Traffic

535 131 metric tonnes

### National Airlines with International Services

18

### Foreign Airlines

110

### **Preparing for Tomorrow**

- Concluded air services agreements with 100 countries.
- Suvarnabhumi International Airport received an Airports Council International Service Quality Assured Certification in 2013 and ranked 6<sup>th</sup> in the World's Best Airport category in 2012.
- The Aeronautical Radio of Thailand Ltd. (AEROTHAI) was the Jane's ATC Award Winner 2011 in the "Enabling Technology" category for the implementation of the BOBCAT system.
- The Civil Aviation Training Centre (CATC), an Associate Member of the ICAO TRAINAIR PLUS Programme, has more than 30 000 academy alumni from over 78 countries.
- Thailand hosted the Conference of Directors General of Civil Aviation (DGCA), Asia/Pacific Region, on four occasions since 1971.

### Did You Know... Travel and Tourism

Since 1994, "National Aviation Day" has been celebrated annually on 13 January in commemoration of the day in 1914 when King Rama IV witnessed the first trial flight operated by Thai pilots.



# TIMOR-LESTE



### Relationship with WICAO



4 August 2005 - Notification of adherence to the Chicago Convention



# **Facts and Figures**

### Capital

### Official Languages

Tetun, Portuguese

### Currency

U.S. Dollar

### Area

14 870 km<sup>2</sup>

### Population

1.6 million

### **Gross Domestic Product**

USD 1.4 billion USD 2670 per capita

### **Country Telephone Code**

### **Air Transport Statistics**

### International Airports

### Domestic Airports

N/A

### International **Passenger Traffic**

144 901 passengers

# International Cargo Traffic

162 metric tonnes

# National Airlines with International Services

N/A

### Foreign Airlines

### **Preparing for Tomorrow**

Presidente Nicolao Lobato International Airport is the only main airport providing services for international passengers.

### Did You Know... Travel and Tourism

Timor-Leste has concluded air services agreements with Indonesia and Singapore. The next air services agreement negotiotiations will be with Australia.



# TONGA



### Relationship with



2 November 1984 – Deposit of instrument of ratification of the Chicago Convention

▼ Fua'amotu International Airport





▲ Vava'u Airport

# State Facts and Figures

### Capital

Nuku'alofa

### Official Languages

Tongan, English

### Currency

Pa'anga

### Area

748 km<sup>2</sup>

### Population

105 965

### Gross Domestic Product

USD 434.4 million USD 4114 per capita

### Country Telephone Code

676

# Air Transport Statistics

### International Airports

2

### **Domestic Airports**

6

### International Passenger Traffic

196 075 passengers

### International Cargo Traffic

1 544 metric tonnes

### National Airlines with International Services

0

### Foreign Airlines

4

### **Preparing for Tomorrow**

- "To provide safe, reliable and affordable air transport services" is the main objective of the Civil Aviation Division (CAD) of Tonga. To achieve this objective, the following plans were established to promote travel and tourism:
  - Continuously review the new legislative framework and identify any gaps in relation to ICAO SARPs
  - Promote industry and public awareness of changes to the legislative framework
  - CAD to maintain and enhance its working relationship with relevant international and regional bodies/organizations
  - CAD to maintain or enhance its working relationship with PASO and/or NZCAA
  - CAD to maintain its relationship with certificate holders e.g. continuously liaising with Tonga Airport Limited in providing a safe, secure and competitive civil aviation environment that encourages airlines to service Tonga in increasing numbers

### Did You Know... Travel and Tourism

Tonga is unique for its traditional culture. It has never been colonized by a foreign power and is the only constitutional monarchy in the Pacific. Tonga has been strongly influenced by Christianity and now probably boasts more churches per capita than anywhere else on earth. Visitors are welcome to attend services. Many do and leave with special memories of the experience.







17 August 1983 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Port Vila

### Official Languages

English, French, Bislama

### Currency

Vatu

### Area

12 274 km<sup>2</sup>

### Population

266 937

### **Gross Domestic Product**

USD 787 million USD 3183 per capita

### **Country Telephone Code**

678

# Air Transport Statistics

### International Airports

3

### **Domestic Airports**

N/A

### International Passenger Traffic

267 702 passengers

### International Cargo Traffic

1 218 metric tonnes

### National Airlines with International Services

1

### Foreign Airlines

5

### **Preparing for Tomorrow**

- Vanuatu has 29 airports nationwide, of which three are international.
- Pekoa International Airport is located on Santo Island, north of Vanuatu.
- Bauerfield International Airport serves the nation's capital, on Efate Island, in central Vanuatu.
- Whitegrass International airport is on Tanna Island, in Vanuatu's southern province.

### Did You Know... Travel and Tourism

Prior to 1980, when it gained independence, Vanuatu was called New Hebrides and jointly governed by Britain and France under a system called the Condominium. With 83 inhabited islands and some 250 000 citizens, Vanuatu has 113 different languages.







13 March 1980 – Notification of adherence to the Chicago Convention

▼ Hanoi air traffic control centre





▲ Noi Bai International Airport - Terminal

### State Facts and Figures

### Capital

Hanoi

### Official Languages

Vietnamese

### Currency

Dong

### Area

330 972 km<sup>2</sup>

### Population

92 million

### **Gross Domestic Product**

USD 186.2 billion USD 2052 per capita

### **Country Telephone Code**

84

# Air Transport Statistics

### International Airports

8

### **Domestic Airports**

13

### International Passenger Traffic

18 million passengers

### International Cargo Traffic

60 000 metric tonnes

### National Airlines with International Services

3

### Foreign Airlines

52

### **Preparing for Tomorrow**

- To maintain and develop air navigation services that meet ICAO SARPs and requirements, in line with CNS/ATM technologies and the ICAO ASBU strategy.
- To enhance aviation safety oversight capabilities, in accordance with ICAO SARPs, while striving to achieve the FAA Category 1 rating.
- To enhance the safety and security of air transport in Viet Nam and the ASEAN Community, thereby facilitating the movement of people and goods.
- To strengthen international cooperation in the implementation of action plans to reduce CO<sub>2</sub> emissions from civil aviation.
- To maintain policies and incentives that encourage international flights to/from Viet Nam and to attract investment capital for the development of air transport and aircraft maintenance business.
- The aviation market is expected to maintain a growth rate of approximately 13 per cent a year between 2016 and 2020.
- By 2030, Viet Nam is expected to have 26 airports in operation, including 10 international airports, with a total capacity of some 113 million passengers per year.

### Did You Know... Travel and Tourism

By the end of 2015, Viet Nam welcomed nearly 8 million international tourists and 37 million domestic tourists by all modes of transport. Total revenue from tourism reached USD 10-11 billion, contributing to 5.5-6 per cent to GDP.

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# ICAO EUROPE AND NORTH ATLANTIC







# EUROPE AND NORTH ATLANTIC





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- Belarus
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- Bulgaria
- Croatia
- Cyprus
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# ALBANIA



## Relationship with



28 March 1991 – Notification of adherence to the Chicago Convention

# NISJET DEPARTURES NISJET DEPARTURES OF DEPARTURES



# State Facts and Figures

## Capital

Tirana

## Official Languages

Albanian

## Currency

Lek

## Area

27 400 km<sup>2</sup>

## Population

2.8 million

## **Gross Domestic Product**

USD 13.2 billion USD 4564 per capita

## **Country Telephone Code**

355

# Air Transport Statistics

## International Airports

1

#### Domestic Airports

0

## International Passenger Traffic

1.97 million passengers

#### International Cargo Traffic

2 229 metric tonnes

## National Airlines with International Services

0

## Foreign Airlines

13

## **Preparing for Tomorrow**

To provide safe, secure and efficient aviation services, an environmentally compatible air transportation system that meets the economic needs of Albania.

## Did You Know... Travel and Tourism

Albania has coastlines on the Adriatic and Ionian seas, and an interior crossed by the Albanian Alps. Along its southern coast, the Albanian Riviera is known for its traditional Mediterranean villages, beach resorts and vibrant nightlife. With history stretching back to antiquity, Albania is also rich in castles and archaeological sites.



# **ALGERIA**



## Relationship with



7 May 1963 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

**Algiers** 

## Official Languages

Arabic

## Currency

Dinar

#### Area

2 381 740 km<sup>2</sup>

#### Population

38.7 million

## **Gross Domestic Product**

USD 213.5 billion USD 5 484 per capita

#### **Country Telephone Code**

213

# Air Transport Statistics

## International Airports

16

#### **Domestic Airports**

20

## International Passenger Traffic

11.6 million passengers

## International Cargo Traffic

2.3 million metric tonnes

## National Airlines with International Services

2

## Foreign Airlines

23

## **Preparing for Tomorrow**

- Algeria has undertaken a number of projects in line with a reorganization of the administration of the Directorate General of Civil Aviation. These include:
  - Expansion of the international terminal at Algiers airport, in order to increase its capacity from the current six million passengers annually to 16 million in 2018
  - The completion of five new air traffic control towers to strengthen and streamline air traffic management
  - The creation, at the publicly owned Air Algérie, of four subsidiaries for cargo, handling, catering and maintenance.
- The Algerian government has adopted a plan known as "Horizon 2025", which is designed to address the lack of tourism infrastructure and development in the country. The goal is to increase the number of foreign visitors, including tourists, to 11 million.
- ♦ Various hotel operators are planning to build hotels, particularly along the Mediterranean coast. Also planned are tourist villages in the South Sahara region.

## Did You Know... Travel and Tourism

Algeria has seven "Tourist Poles of Excellence" – North East, North Central, North West, South East, South West, Great South "TASSILI N'AJJER" and the Great South "AHAGGAR". Algeria also boasts six entries on the UNESCO World Heritage Sites – Al Qal'a of Beni Hammad (1980), Djemila, M'Zab Valley, Timgad, Tipasa (1982) and Kasbah of Algiers (1992).

## **Europe and North Atlantic**



# ANDORRA



## Relationship with



26 January 2001 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Andorra la Vella

## Official Languages

Catalan

#### Currency

Euro

## Area

468 km<sup>2</sup>

#### Population

70 570

## **Gross Domestic Product**

USD 2.5 billion USD 47 657 per capita

## Country Telephone Code

376

# Air Transport Statistics

## International Airports

1 heliport

## Domestic Airports

N/A

## International

Passenger Traffic

N/A

## International Cargo Traffic

A/N

#### National Airlines with International Services

N/A

## Foreign Airlines

N/A

## **Preparing for Tomorrow**

- Significant developments in transportation and communications have contributed to Andorra's thriving tourism industry. There are about 7.8 million tourists every year.
- The major tourist attraction is skiing. Enthusiasts have at their disposal a well-developed infrastructure consisting of six ski domains, 120 ski transport installations and 303 km of slopes.
- The population is made up of 46 per cent nationals and 54 per cent foreign residents.
- $\bigcirc$  The population density is 151 inhabitants per km<sup>2</sup>.
- Andorra offers three free education systems to choose from Andorran, French and Spanish.

## Did You Know... Travel and Tourism

With a population of some 70 000 people, Andorra attracts more than 7.8 million tourists a year.



# ARMENIA



## Relationship with ICAO



18 June 1992 - Notification of adherence to the Chicago Convention



# **Facts and Figures**

## Capital

Yerevan

## Official Languages

Armenian

#### Currency

Armenian Dram (AMD)

#### Area

29 740 km<sup>2</sup>

#### Population

3 million

## **Gross Domestic Product**

USD 11.6 billion USD 3873 per capita

## **Country Telephone Code**

## Air Transport **Statistics**

## International Airports

#### **Domestic Airports**

N/A

#### International Passenger Traffic

2.1 million passengers

#### International **Cargo Traffic**

10 345 metric tonnes

#### **National Airlines with International Services**

## Foreign Airlines

## **Preparing for Tomorrow**

- A new air traffic control system named "GALAXY" was installed in ARMATS – the air navigation service provider – in September 2013. It is interfaced with PSR, SSR, MLAT/WAM and ADS-B sensors, as well as with the European Aeronautical Database (AIXM). It fully complies with new standards and requirements. On 30 January 2013, Yerevan Zvartnots International Airport received the "Best Airport in CIS" award at the 2<sup>nd</sup> Annual Emerging Airports Conference and Exhibition held in Dubai. United Arab Emirates.
- In 2013, the Government of Armenia adopted a liberalized "open skies" civil aviation policy.
- Armenia is actively implementing the European civil aviation safety standards through Working Arrangements signed in 2009 with the European Aviation Safety Agency (EASA).
- The State Safety Programme (SSP) of the Republic of Armenia came into force in 2016. The text of the SSP is published on the official website of the General Department of Civil Aviation of Armenia (GDCA) - www.aviation.am.

## Did You Know... Travel and Tourism

Armenia is the first nation to have adopted Christianity as the State religion in 301 AD and possesses a related cultural history rich in terms of monuments, churches, monasteries and other similar sites.



# **AUSTRIA**



## Relationship with



27 August 1948 – Notification of adherence to the Chicago Convention

**▼** Airport Vienna





▲ Frühling

# State Facts and Figures

#### Capital

Vienna

## Official Languages

German

## Currency

Euro

#### Area

83 879 km<sup>2</sup>

#### Population

8.5 million

## **Gross Domestic Product**

USD 436.4 billion USD 51 127 per capita

Country Telephone Code

43

# Air Transport Statistics

## International Airports

6

#### **Domestic Airports**

N/A

## International Passenger Traffic

27.3 million passengers

#### International Cargo Traffic

233 912 metric tonnes

## National Airlines with International Services

N/A

## Foreign Airlines

183

## **Preparing for Tomorrow**

- Aeronautics is a strategic area for research and development in Austria. Many domestic industries and research facilities were established as suppliers to the aeronautics industry worldwide.
- Encouraging the growth of new technologies is one of the main objectives of the TAKE OFF programme, designed to strengthen the research, technological and cooperative competencies of Austrian players in the aeronautical sector.
- Austro Control is phasing-in its Austrian Wide Area Multilateration System (AWAM). The world's biggest and most complex multilateration system in high-density airspace is based on a network of 68 sensors.
- Austria has concluded 86 air services agreements with countries in almost all regions of the world.

## Did You Know... Travel and Tourism

A leader in sustainable tourism, as rated by the World Economic Forum, Austria offers pristine landscapes and bustling cities, historic towns and cutting-edge architecture, love of tradition and thirst for the new. And Gemuetlichkeit, a lifestyle that celebrates the finer moments in life. Oh, "real" Wiener Schnitzel is made from veal and served with parsley potatoes or potato and cucumber salad.



# **AZERBAIJAN**



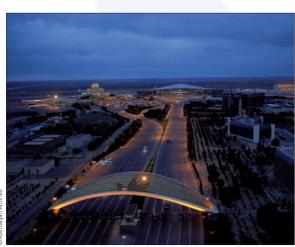
## Relationship with



9 October 1992 – Notification of adherence to the Chicago Convention

▼ New passenger terminal Heydar Aliyev at Airport





▲ Heydar Aliyev International Airport at night

# State Facts and Figures

#### Capital

Baku

## Official Languages

Azerbaijani

## Currency

Manat

## Area

86 600 km<sup>2</sup>

#### Population

9.5 million

## **Gross Domestic Product**

USD 75.2 billion USD 7884 per capita

## Country Telephone Code

994

## AirTransport Statistics

## International Airports

6

#### Domestic Airports

7

## International Passenger Traffic

2.9 million passengers

#### International Cargo Traffic

108 216 metric tonnes

## National Airlines with International Services

4

## Foreign Airlines

26

## **Preparing for Tomorrow**

- The network of air services will be expanded with the addition of destinations to complement the six currently operated from international airports of Azerbaijan.
- Azerbaijan Airlines (AZAL) is planning to increase the number of direct flights to the Asia/Pacific Region and to the United States of America
- Silk Way Airlines has placed an order for 10 new AN-178 cargo aircraft to replace the AN-12 model.
- The Fourth Islamic Solidarity Games will be held in Baku, in 2017.
- The Formula 1 Grand Prix of Europe was held 17-19 June 2016 in Baku.
- Out of three non-petroleum economic sectors, tourism has been identified as priority number one under the national economic development plan.
- Azerbaijan is involved in active negotiations with several potential investors concerning the development of the tourism industry and specific projects, familiarizing them with the business and legislative environment in the country.

## Did You Know... Travel and Tourism

In ancient times, Baku was one of the most densely populated cities, not only in the Southern Caucasus but throughout the Middle East. Its ancient history, cultural heritage and architecture have been preserved in the Icherisheher complex, an open-air museum. Great Maiden's Tower and the palace of Shirvanshakhs have been included in the UNESCO List of World Heritage Sites.



# BELARUS\*



## Relationship with



4 June 1993 – Notification of adherence to the Chicago Convention

# MINSE TO THE PARTY OF THE PARTY



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

## Capital

Minsk

## Official Languages

Belarusian, Russian

#### Currency

Belorussian Ruble

#### Area

207 600 km<sup>2</sup>

## Population

9.5 million

## **Gross Domestic Product**

USD 76.1 billion USD 8 040 per capita

#### **Country Telephone Code**

375

# Air Transport Statistics

## International Airports

7

## Domestic Airports

N/A

## International Passenger Traffic

2.6 million passengers

## International Cargo Traffic

40 900 metric tonnes

## National Airlines with International Services

3

## Foreign Airlines

N/A

## **Preparing for Tomorrow**

More than 1 000 airlines from 92 countries operate flights in Belarus airspace. A favourable geographic location facilitates the integration of Belarusian civil aviation into the European air transport network.

## Did You Know... Travel and Tourism

The first recorded mention of Minsk goes back to 1067. Today a modern international city, it has excellent transport links including Minsk airport, several major train stations, an underground metro system and a well-developed road network.





## Relationship with WICAO



5 May 1947 - Deposit of instrument of ratification of the Chicago Convention

▼ A view of Atomium in Brussels by night





▲ Balloon flight over Enghien Castle

# Facts and Figures

#### Capital

**Brussels** 

## Official Languages

Dutch, French, German

#### Currency

Furo

#### Area

30 528 km<sup>2</sup>

#### Population

11.1 million

## **Gross Domestic Product**

USD 531.5 billion USD 47 352 per capita

## **Country Telephone Code**

## Air Transport **Statistics**

## International Airports

#### **Domestic Airports**

N/A

#### International Passenger Traffic

26.7 million passengers

#### International **Cargo Traffic**

1.04 million metric tonnes

#### **National Airlines with International Services**

## Foreign Airlines

210+

## **Preparing for Tomorrow**

- In Belgium, tourism is the exclusive competency of each of the three Regions.
- Main entry point for air travellers through its national airport, Brussels offers direct connections to other major cities through the world's highest density, multimodal rail and motorway network. Capital of 500 million Europeans, host of international institutions, Brussels is among the top congress cities in the world and a very important decision-making centre.
- Wallonia, the southern, French-speaking region of Belgium, offers a mix of nature and culture. Whether in the green preserved forests of the Ardennes, on the battlefield of Waterloo, or in major art cities like Namur or Tournai, tourists discover a warm welcome and unforgettable gastronomy. Two airports, in Liège and Charleroi, are internationally connected.
- Visitors to Flanders will be amazed by the dazzling medieval art cities like Brugge, Gent or Antwerp (also 2<sup>nd</sup> largest port of Europe), multilingualism and congress infrastructures. The "Accessible Flanders" databank lists all available tourist facilities.

## Did You Know... Travel and Tourism

Belgium is a meeting point between Latin and Germanic worlds, where differences are maintained and yet meld together harmoniously. Internationally renowned for its conviviality, Brussels is proud of its multicultural environment, further enhanced by the presence of major European institutions in the city.



# BOSNIA AND HERZEGOVINA



## Relationship with



13 January 1993 – Notification of adherence to the Chicago Convention

▼ BHANSA ACC Unit Sarajevo





▲ Jahorina - Olympic mountain

# State Facts and Figures

#### Capital

Sarajevo

#### Official Languages

Serbian, Bosnian, Croatian

#### Currency

Mark (BAM)

#### Area

51 209 km<sup>2</sup>

#### Population

3.8 million

## **Gross Domestic Product**

USD 18.3 billion USD 4 790 per capita

**Country Telephone Code** 

387

# Air Transport Statistics

## International Airports

4

#### Domestic Airport

0

## International Passenger Traffic

953 814 passengers

## International Cargo Traffic

2 607 metric tonnes

## National Airline with International Services

1

## Foreign Airlines

80

## **Preparing for Tomorrow**

- As a result of joint efforts by the Bosnia and Herzegovina (B&H) Directorate of Civil Aviation (BHDCA) and the B&H Air Navigation Services Agency (BHANSA), together with key partners, the Agency in November 2014 began providing services in the B&H airspace from FL 100 up to FL 325, for the first time in the country's history. This milestone represented an important step toward the goal of complete provision of services in the airspace over B&H, from FL 325 to FL 660 (UPPER).
- ◆ The BHACA is committed to the maintenance and enhancement of Quality Management Systems, in accordance with international recommendations and ICACO Standards and Recommended Practices (SARPs). The objective is to provide for the efficient and effective use of resources, identification and prevention of risks, understanding and meeting requirements of all stakeholders involved and other interested parties, as well as reaching organizational goals relating to the quality of operations and the provision of services.

## Did You Know... Travel and Tourism

Sarajevo, the capital of B&H, was the host of the 1984 Winter Olympic Games. Olympic mountain Jahorina, 40 minutes from Sarajevo airport, is the largest ski resort in B&H and, in 2015, was named one of the best in Eastern Europe by The British newspaper The Telegraph. Plans are to submit the candidature of Sarajevo and nearby mountains for future Winter Olympic Games.



# BULGARIA



## Relationship with



8 June 1967 – Notification of adherence to the Chicago Convention

▼ Plovdiv Antique Theatre





▲ The Seven Rila Lakes

# State Facts and Figures

## Capital

ofia

## Official Languages

Bulgarian

## Currency

Lev

## Area

110 994 km<sup>2</sup>

#### **Population**

7.3 million

## **Gross Domestic Product**

USD 55.7 billion USD 7712 per capita

## **Country Telephone Code**

359

## AirTransport Statistics

## International Airports

5

#### **Domestic Airports**

0

## International Passenger Traffic

7.5 million passengers

#### International Cargo Traffic

21 427 metric tonnes

## National Airlines with International Services

5

## Foreign Airlines

65

## **Preparing for Tomorrow**

- In 2015, Bulgaria effectively handled a 24 per cent growth in traffic. A Member of the Danube Functional Airspace Block (FAB), it should record the highest average annual growth (4.1 per cent) in Europe over the next seven years. Through implementation of ICAO's SMS programme, the aim is to improve safety and cost-efficiency, decrease delays, and reduce environmental impacts. Fuel savings of 363 per cent are expected by 2030, compared to 2015.
- Dulgaria is one of the first European States to update its Action Plan on Emissions Reduction in accordance with ICAO Assembly Resolution A38-18.
- In 2013, the national joint management of environmental impacts of aviation activities in the vicinity of airports was established.
- The rich cultural and natural heritage of Bulgaria is highly appreciated by UNESCO. The list includes nine Bulgarian sites. The most popular destinations are along the coastline, and the ski and spa & wellness resorts. With over 700 mineral water springs, Bulgaria is a spa paradise since Thracian times. The amazing biodiversity is preserved in parks and reserves all over the country.

## Did You Know... Travel and Tourism

The Bulgarian city of Plovdiv has been designated "European City of Culture" for 2019. Considered the oldest continuously inhabited city in Europe, it is also one of the oldest cities in the world.

In 1977, the Bulgarian song "Izlel e Delyo Hajdutin" performed by the Bulgarian folk music singer Valya Balkanska was carried into space by Voyager 2, as part of the Voyager Golden Record.



# CROATIA



## Relationship with



9 April 1992 – Notification of adherence to the Chicago Convention

#### ▼ Zagreb Airport





▲ Croatia Control Ltd. - OPS room

## State Facts and Figures

#### Capital

Zagreb

## Official Languages

Croatian

## Currency

Kuna

#### Area

56 594 km<sup>2</sup>

#### **Population**

4.3 million

## **Gross Domestic Product**

USD 89.3 billion USD 21 769 per capita

## Country Telephone Code

385

# AirTransport Statistics

## International Airports

9

#### Domestic Airports

9

## International Passenger Traffic

7.2 million pasengers

#### International Cargo Traffic

5 700 metric tonnes

## National Airlines with International Services

3

## Foreign Airlines

100

## **Preparing for Tomorrow**

- Croatia is undertaking a wide range of measures and projects in order to meet the rising demand for traffic capacity, as well as increased safety and security measures. These entail regulatory initiatives designed to facilitate industry developments and raise safety and security standards, international efforts to open up the Croatian market and create further opportunities for our industry abroad, and major infrastructure projects at Zagreb, Split and Dubrovnik airports valued at more than 600 million euros total. The industry is actively contributing to achieving these goals.
- Croatia is part of the ABIS Group representing eight European States: Austria, Belgium, Croatia, Ireland, Luxembourg, The Netherlands, Portugal and Switzerland. The Civil Aviation Authorities of the eight ABIS States cooperate closely with a view to fostering continued representation in the permanent bodies of ICAO. The ABIS States provide in-depth knowledge and experience to ICAO Commissions, Panels and Working Groups by the proactive participation of specialized experts.

## Did You Know... Travel and Tourism

Tourism is one of the major drivers of the national economy. Aviation is a major facilitator in that respect, providing an accessible and efficient service through its connections to all major European hubs and a highly developed domestic network. An equally well-developed airport network makes for excellent internal connectivity and easy access to all major European and worldwide destinations.



# **CYPRUS**



## Relationship with



17 January 1961 – Notification of adherence to the Chicago Convention

▼ Larnaka International Airport





▲ Pafos International Airport

# State Facts and Figures

#### Capital

Nicosia

## Official Languages

Greek, Turkish

#### Currency

Euro

#### Area

9 240 km<sup>2</sup>

#### Population

1.2 million

## **Gross Domestic Product**

USD 23.2 billion USD 27 194 per capita

Country Telephone Code

357

# AirTransport Statistics

## International Airports

2

#### **Domestic Airports**

0

## International Passenger Traffic

7.4 million passengers

#### International Cargo Traffic

27 976 metric tonnes

National Airlines with International Services

1

## Foreign Airlines

112

## **Preparing for Tomorrow**

- Although traditionally dependent on tourism, Cyprus has developed beyond the "holiday destination" with a growing, service-oriented economy consistent with an island that relies almost exclusively on air transport for tourist and business travel.
- The goal of Cyprus is to become a dynamic regional hub between Europe and the Middle East, based on its strategic location at the crossroads of three continents in the Eastern Mediterranean and as the easternmost EU member State, with an extensive FIR through which flows most of the north/south and east/west traffic between Europe, Asia and Africa.
- ◆ The country's aspirations are supported by the recent redevelopment of its two airports at Larnaka and Pafos, the liberalization of its air transport policy, incentives to air carriers, participation in EU projects such as "BLUE MED" for creating a Functional Airspace Block in the region, and the restructuring of the Department of Civil Aviation with the addition of an independent oversight authority and a private company for the provision of air navigation services.

## Did You Know... Travel and Tourism

A rich historical, cultural and natural heritage, combined with an ideal climate and an abundance of tourist attractions make Cyprus a popular, year-round leisure destination. The island also offers a modern, free-market, service-based economy highly appreciated by investors and business people alike. In a turbulent region, Cyprus is a true oasis of safety and stability for all travellers.



# CZECH REPUBLIC



## Relationship with



4 March 1993 – Notification of adherence to the Chicago Convention

▼ Prague Castle and Charles Bridge





▲ Václav Havel Airport Prague

# State Facts and Figures

#### Capital

Prague

## Official Languages

Czech

## Currency

Koruna

#### Area

78 866 km<sup>2</sup>

#### Population

10.5 million

## **Gross Domestic Product**

USD 205.3 billion USD 19 529 per capita

#### **Country Telephone Code**

420

# Air Transport Statistics

## International Airports

19

#### **Domestic Airports**

72

## International Passenger Traffic

12.6 million passengers

#### International Cargo Traffic

50 238 metric tonnes

## National Airlines with International Services

18

## Foreign Airlines

83

## **Preparing for Tomorrow**

- As a country strategically located in the centre of Europe, the Czech Republic aims to strengthen cross-border integration, in keeping with the growing demand for airspace capacity.
- Our goal is to maintain the high level of ATM services provided by the state-owned enterprise Air Navigation Services of the Czech Republic (ANS CR).
- To ensure the further development of air transport in the Czech Republic, we plan to increase the runway capacity at Václav Havel Airport Prague that services about 93 per cent of all Czech travellers. This means building a parallel runway to the existing main runway 06/24.
- We also intend to encourage the usability of drones, especially in the area of aerial works, and the gradual introduction of their operation in the common airspace.

## Did You Know... Travel and Tourism

The Czech Republic welcomed 8.7 million foreign visitors in 2015. Most of them used as a gateway to the country the Václav Havel Airport Prague. The airport ranked second in the 2015 edition of the prestigious survey conducted by Airports Council International (ACI) relative to the quality of services provided at all major European airports.





## Relationship with WICAO



28 February 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Drones: the future is here





▲ Safety first: Inspection of aircraft

# **Facts and Figures**

#### Capital

Copenhagen

#### Official Languages

Danish

#### Currency

Krone

#### Area

2 210 576 km<sup>2</sup>

#### Population

5.7 million

## **Gross Domestic Product**

USD 346 billion USD 60 702 per capita

#### **Country Telephone Code**

45, 298, 299

## Air Transport **Statistics**

## International Airports

#### **Domestic Airports**

#### International Passenger Traffic

28.3 million passengers

#### International **Cargo Traffic**

237 000 metric tonnes

#### **National Airlines with International Services**

## Foreign Airlines

127

## **Preparing for Tomorrow**

- Drones are important to future air traffic and transport systems. Drone technology offers new and exciting opportunities for the economic and social development of societies worldwide.
- Acceptance by the general public of drones will require high levels of privacy and security safeguards. Electronic identification of drones and operators will be critical, and could facilitate the efficient enforcement of regulations.
- New technologies for the drone sector are being developed in Denmark by universities, in cooperation with industry and authorities. The development and design of drones will be made available for public use, thus potentially forming the basis for a common global standard for the electronic identification of drones.
- In this research and development phase, technology common to both radio communications and mobile phones will be used, thereby enabling their integration into existing IT and communication systems.
- The development of technology related to the electronic identification of drones is actively supported by the Danish government.

## Did You Know... Travel and Tourism

Copenhagen features not only a wide array of popular tourist attractions, including The Little Mermaid and Tivoli Gardens, but it also represents a gateway for further travel to Northern Europe and beyond, through Copenhagen Airport. The airport is the largest in Scandinavia, with about 26 million passengers per year travelling to 150 international destinations offered by airlines operating there.







24 January 1992 – Notification of adherence to the Chicago Convention

# TALLINN ES-ACB



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

## State Facts and Figures

## Capital

Tallinn

## Official Languages

Estonian

## Currency

Kroon

## Area

45 226 km<sup>2</sup>

#### **Population**

1.3 million

## **Gross Domestic Product**

USD 25.9 billion USD 19 719 per capita

## Country Telephone Code

372

## AirTransport Statistics

## International Airports

5

#### **Domestic Airports**

N/A

## International Passenger Traffic

614 153 passengers

## International Cargo Traffic

6 007 metric tonnes

## National Airlines with International Services

2

## Foreign Airlines

13

## **Preparing for Tomorrow**

- The Estonia Civil Aviation Authority (ECAA) staff comprises 57% women and the average age is 39.
- ◆ The youngest-ever (29 years) ECAA Director General held the position for the longest period – 10 years.
- There is one registered airplane per 8 500 citizens.
- There is one aerodrome per 6 400 km<sup>2</sup>.
- Estonia's major airport is located four kilometres from the city centre of Tallinn.
- The ECAA Aviation Safety Information System makes it possible to track the approvals application procedure. The system makes it possible to monitor deadlines and procedural decisions, as well as receive electronic versions of upcoming oversight schedules and reports, etc.

## Did You Know... Travel and Tourism

In Estonia, one can learn aviation at an early age. Since 1990, training for professional pilots is offered at Nõo Secondary School and, since 1993, at Tartu Aviation College.







30 March 1949 – Notification of adherence to the Chicago Convention

▼ Peace of mind under the Northern Lights





▲ Rudolph - ready to fly

# State Facts and Figures

## Capital

Helsinki

## Official Languages

Finnish, Swedish

#### Currency

Euro

#### Area

390 000 km<sup>2</sup>

#### Population

5.5 million

## **Gross Domestic Product**

USD 272.2 billion USD 49 842 per capita

Country Telephone Code

# Air Transport Statistics

## International Airports

17

#### **Domestic Airports**

7

## International Passenger Traffic

16.4 million passengers

#### International Cargo Traffic

63.2 million metric tonnes

## National Airlines with International Services

3

## Foreign Airlines

23

## **Preparing for Tomorrow**

Finland offers space to breathe, spectacular nature activities and experiences from White Night Magic until Aurora Borealis Wonders. Besides unique tourist attractions, Finland's reputation as a congress and incentive destination is also internationally acclaimed. Situated in the heart of Northern Europe, Finland is easy to get to. In recent years, Finland has consistently ranked among the top 20 congress destinations in the world. Just short of 500 international association meetings are held annually in Finland, attended by 60 000 delegates. Finns are experienced event organizers, and all services are first class. In a recent survey, nine out of 10 congress attendees found the safety of Finnish host cities to be either good or very good. As a bonus, Finnish friendliness received special thanks. Finland's Convention Bureau provides complimentary information, consultation and assistance to all meeting planners. www.visitfinland.com/fcb/. You are cordially invited to discover Finland, the homeland of Santa Claus and Saunas www.visitfinland.com

## Did You Know... Travel and Tourism

StopOver Finland is a new initiative coordinated by Visit Finland - easily reachable packages and services for individual travellers from 5 hours to 5 days stopovers. During the stopover, it is possible to experience Finnish highlights such as Aurora Borealis, midnight sun, relaxing moments in the pure Finnish forests, lakes, archipelago and saunas, shopping and meeting Moomins and Santa Claus.







25 March 1947 – Deposit of instrument of ratification of the Chicago Convention

**▼** Roissy Charles de Gaulle Airport





▲ Ramp inspection during SAFA control

# State Facts and Figures

## Capital

Pari

## Official Languages

French

## Currency

Euro

#### Area

632 834 km<sup>2</sup>

#### Population

65.7 million

#### **Gross Domestic Product**

USD 2.8 trillion USD 42 725 per capita

## Country Telephone Code

33

# AirTransport Statistics

## International Airports

57

#### Domestic Airports

75

## International Passenger Traffic

115 million passengers

## International Cargo Traffic

2.1 million metric tonnes

## National Airlines with International Services

20

## Foreign Airlines

184

## **Preparing for Tomorrow**

- France is, with the USA, the only country capable of designing and producing all aircraft components, for all market segments transport and business aircraft, helicopters, engines and systems. This competitive outfitters landscape contributes half of the French aeronautics industry jobs and turnover. Civil aeronautical construction is the first national export sector (33 billion € turnover in 2014) and the first job-creating sector (10 000 in 2014), due to a permanent, State-supported innovation policy (15 per cent of the turnover was invested in 2014).
- Since 1945, the Directorate General for Civil Aviation manages all aspects of the civil aviation sector, including 45 bilateral cooperation agreements.
- ◆ The Toulouse-based École nationale de l'aviation civile (ENAC) is a world leader in aviation training, with 45 per cent of its 2 000 students representing over 50 nationalities, and is a Regional Training Center of Excellence within ICAO's TRAINAIR PLUS Programme.
- France is a European leader in the field of Remotely Piloted Aircraft Systems, with the first regulation established in 2012. The sector had an 60 million € total turnover in 2015.

## Did You Know... Travel and Tourism

The UN World Tourism Organization has recognized France as the most visited country in the world, with 83.8 million international tourists in 2014. Some 27 per cent of these arrived by air, at one of the 57 French international airports. France aims to exceed 100 million international tourists in 2020. With over nine million visitors, the Louvre Museum is the most visited cultural site in France.

# MORE ABOUT **FRANCE**

Interview with Mr Patrick Gandil, Director General Civil Aviation, France

# France: Aviation at heart



## What does aviation mean to France?

From Henri Farman to Louis Blériot, Jean Mermoz and Antoine de Saint-Exupéry, to name but a few, eminent aviation pioneers and personalities have helped shape modern France. In barely a century, air transport has become an essential component of the economic, social and cultural life of our country, as evidenced by our more than 500 public and 350 private airports.

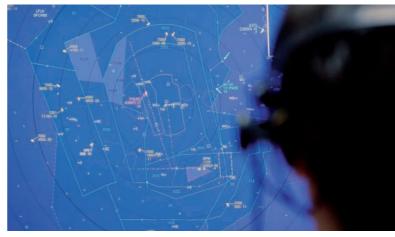
Moreover, passenger traffic in France is expected to grow an estimated 2.5 per cent over the long term. The nature and scope of growth will vary based on destination. Traffic levels on domestic routes should stabilize or even decline because of high-speed train lines providing an efficient alternative for journeys of less than three hours. Conversely, traffic to European and to more distant locations worldwide will increase. As will traffic from those locations to France, thanks to the steady increase in international tourism, which our country continues to promote actively.

The UN World Tourism Organization has recognized France as the most visited country in the world, with 83.8 million international tourists in 2014. With some 27 per cent of them arriving by air, at one of our 57 international airports, aviation is key to France's objective of exceeding 100 million international tourists in 2020.

## How would you describe the relationship between France and ICAO?

France is a founding member of ICAO and has, from the outset in 1947, held a seat on the Council of the Organization as a State "of chief importance in air transport". The oldest ICAO Regional Office is located in Paris, in continuation of the International Commission for Air Navigation, ICAO's predecessor, established in the French capital in 1922. There is also a major financial investment by our country in the Organization. Currently the sixth largest contributor to the ICAO budget, France provides additional financial and seconded human resources representing CAD 1.5 million a year.

Another dimension of this close and symbiotic relationship is that French aviation is fundamentally international in nature. For example, French air navigation services manage one the largest and densest airspaces in Europe, with some 2.9 million flights in the French metropolitan airspace alone, of which more than 50 per cent are overflights. Add to this some 14 000 000 km² of controlled airspace in the French overseas territories spread out across the globe.





France also represents a significant proportion of world air transport. Some 180 million passengers transited through French airports in 2015 and the leading facility, Paris-Charles de Gaulle Airport, ranks second in Europe for passenger traffic, first in Europe for cargo traffic, and ninth worldwide. The airport is the primary hub of Air France, member of the AF-KLM Group and founder of the Skyteam alliance that operates to all continents. Finally, France is among the few countries with a comprehensive aeronautics industry possessing all the necessary skills to design and build all types of aircraft.

## What do you mean by a comprehensive aeronautics industry?

The aeronautical industry in France spans all market segments – transport aircraft, business aircraft, helicopters, engines, systems – and includes major world class players such as Airbus, ATR, Dassault, Thales and SAFRAN. This is not new, as illustrated by milestone programmes like Caravelle or Concorde. In 2015, the sector generated revenues of €58.3 billion, while providing direct and indirect employment to between 500 000 and 600 000 persons.

Over time, major investments in innovation, coupled with an extensive network of expertise and experience, have provided France with a full-system approach that allows it to remain a driving force in practically every essential sector of aviation. This means that such French aviation stakeholders as ADP, DSNA services or Egis can rely on a pool of well-rounded experts to support them in their assistance activities internationally.

## What is the involvement of France in the aviation community?

French experts currently sit on all ICAO technical panels and take part in numerous working groups, contributing actively to the realization of the Organization's five strategic objectives. As a partner in ICAO's 'No Country Left Behind' campaign, France is committed to safe and sustainable air transport worldwide and carries out numerous bilateral

assistance programmes, in concert with several Member States. As an example, France offers technical and financial support of CAD 700 000 between 2014 and 2017 for the African Flight Procedure Programme, created by ICAO in response to Assembly Resolution 37-11 for PBN implementation across Africa.

## What are the future challenges for aviation in your country and worldwide?

With nearly 500 aerodromes, a dozen of which exceed 20 000 movements of large aircraft per year and have yet to reach full capacity, France can potentially accommodate a significant increase in air traffic. Increasing traffic while maintaining efficiency, however, will require that we substantially modernize our air navigation infrastructure. Fortunately, we can call upon the expertise and collaboration of our industry, our European partners, notably through the SESAR programme, and our affiliation with ICAO.

Another challenge is safety. Yes, aviation remains the safest mode of transportation. And yes, it is possible and desirable to further reduce the accident rate below the current very low figure of five accidents per 10 million flights. France is fully dedicated to that objective, be it at the national or international level. Enhanced security strategies and measures will also be necessary, in conjunction with all ICAO Member States. Evolving technologies, specialized training and expanded collaboration are essential to success in these areas.

Technological advances, operational innovations and human resources development are the three pillars of progress towards meeting the overall challenge of a sustainable global air transport system, including environmental protection, something we take very much to heart. Again, the maturity and level of innovation of the French aeronautical industry is clearly an asset in addressing this and all challenges.



## IF YOU ARE AN ASPIRING PROFESSIONAL

MANAGER OR LEADER,

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YOUR DREAMS



# TRAIN YOUR STAFF







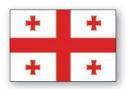


ENAC offers more than 30 aeronautic-aviation-related programs, ranging from Master of Science in International Air Transport to Advanced Technical Masters (Aircraft airworthiness, aircraft maintenance, airline operations, air traffic management, aviation safety, etc.) to Advanced Master in Aviation Management (Air transport, airport, air traffic management, etc.) or to Aviation Strategic Leadership. These programs are delivered in 5 continents.

Our partners «ICAO, IATA, ACI, EASA» «Airbus, Etihad, etc.» «Tsinghua, Hong Kong UST, etc.», do not only provide us with a pool of experienced academic and professional instructors but they also give you the opportunity to explore and expand your own careers and networks.

www.enac.fr

## **Europe and North Atlantic**



# **GEORGIA**



## Relationship with



21 January 1994 – Notification of adherence to the Chicago Convention

▼ Kutaisi ATC tower





Airzena Georgian Airways

# State Facts and Figures

#### Capital

Tbilisi

## Official Languages

Georgian, Abkhazian

#### Currency

Lari

#### Area

69 875 km<sup>2</sup>

#### **Population**

4.5 million

#### **Gross Domestic Product**

USD 16.5 billion USD 4490 per capita

Country Telephone Code

995

## AirTransport Statistics

## International Airports

3

#### Domestic Airports

3

## International Passenger Traffic

2 million passengers

## International Cargo Traffic

16 902 metric tonnes

## National Airlines with International Services

5

#### Foreign Airlines

32

## **Preparing for Tomorrow**

- ◆ Following the liberalization of the aviation market in 2005, there has been a steady 15 to 20 per cent annual growth in passenger and cargo traffic.
- All international airports in Georgia were completely renovated and expanded to handle the steady increase in demand. Currently, Tbilisi Shota Rustaveli International Airport is being further improved to aerodrome Code 4E requirements and its passenger terminal is being enlarged to accommodate the growth in traffic.
- Georgia is refurbishing and also building new domestic airports in remote, mountainous resorts to complete the planned improvements to its air transport system.
- The air navigation service provider of Georgia, Sakaeronavigatsia Ltd., is constructing a new ATC Centre in Tbilisi, to keep pace with the increase in aircraft movements in the country's airspace.
- Overall, Georgia is constantly improving its national regulatory framework and the CAA's capabilities to meet the highest possible standards of aviation safety and security, as established by ICAO.

## Did You Know... Travel and Tourism

The ancient, traditional Georgian Qvevri winemaking method and Georgian polyphonic singing are on UNESCO's Representative List of the Intangible Cultural Heritage of Humanity. The Georgian alphabet is one of 14 unique alphabets of the world. The capital Tbilisi gets its name from the old Georgian word "tbili," meaning warm, due to its hot, sulphurous water springs.



# **GERMANY**



## Relationship with



ICA(

9 May 1956 – Notification of adherence to the Chicago Convention

▼ Fürtenseer Lake - Buchenwald Unesco Site





**▲** Brandenburg Gate

# State Facts and Figures

## Capital

Berlin

## Official Languages

German

## Currency

Euro

#### Area

357 021 km<sup>2</sup>

#### **Population**

80.8 million

## **Gross Domestic Product**

USD 3.9 trillion USD 47 821 per capita

Country Telephone Code

49

## AirTransport Statistics

## International Airports

24

#### **Domestic Airports**

14

## International Passenger Traffic

162.4 million passengers

## International Cargo Traffic

4.5 million metric tonnes

## National Airlines with International Services

94

## Foreign Airlines

172

## **Preparing for Tomorrow**

- Germany has an excellent air transport infrastructure that is continually being expanded to meet current needs and future demand
- In order to reinforce Germany's position as a sustainable destination, particular attention is paid to how the various modes of transport are linked together. For example, many airports are directly connected to the nationwide rail network served by the high-speed InterCityExpress trains.
- ♦ A third of all European travellers to Germany arrive by airplane, as do 97 per cent of overseas visitors.
- Germany has enjoyed an ever-bigger share of the growing global tourism industry since 2010.
- According to the latest forecasts, inbound tourism to Germany will increase by a further 80 per cent by the end of the next decade. Europe will continue to be the biggest source market, followed by the Asia/Pacific region and the Americas, resulting in a marked increase in demand for intercontinental flights.

## Did You Know... Travel and Tourism

Germany is the number 1 destination in the world for trade fairs and second most popular for international conferences, after the United States. Germany also ranks third on the supply side, in comparison with 141 countries worldwide, and can be reached from all core European markets by airplane in less than three hours.







13 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Kastellorizo Island





▲ Sifnos Island

# State Facts and Figures

#### Capital

**Athens** 

## Official Languages

Greek

## Currency

Euro

#### Area

131 952 km<sup>2</sup>

#### Population

10.8 million

## **Gross Domestic Product**

USD 237.6 billion USD 21 682 per capita

## **Country Telephone Code**

30

# AirTransport Statistics

## International Airports

15

#### **Domestic Airports**

25

## International Passenger Traffic

34.3 million passengers

#### International Cargo Traffic

67 700 metric tonnes

## National Airlines with International Services

9

## Foreign Airlines

300

## **Preparing for Tomorrow**

- ◆ Athens, Heraklion and Rhodes were among the 100 cities with the most international tourist arrivals in the world in 2014, according to Euromonitor International Research Reports. Santorini Airport is among the European champions for 2015 as regards the increase of the passenger traffic, according to data from Airports Council International (ACI EUROPE).
- ➡ Hellenic Civil Aviation Authority statistics for airport traffic during the first two months of 2016 show that the total number of flights at Greek airports reached 38 500 (of which 24 209 were internal and 14 291 external) indicating an increase of 7.3 per cent in relation to the same period in 2015, when 35 884 flights were recorded.
- In order to meet the growing needs of tourism, infrastructure projects amounting to 330 million euros are planned for the Greek airports during the next four years.

## Did You Know... Travel and Tourism

The islands are the main characteristic of Greece's morphology and an integral part of the country's culture and tradition. Greek sovereign land includes 6 000 islands and islets scattered in the Aegean and Ionian Seas, of which only 227 islands are inhabited. This is truly a unique phenomenon for the European continent.



# HUNGARY



## Relationship with



30 September 1969 – Notification of adherence to the Chicago Convention

▼ Szechenyi bath





▲ Heroe's square

# State Facts and Figures

## Capital

**Budapest** 

## Official Languages

Hungarian

## Currency

Forint

#### Area

93 030 km<sup>2</sup>

#### **Population**

9.9 million

## **Gross Domestic Product**

USD 138.3 billion USD 14 028 per capita

Country Telephone Code

36

# Air Transport Statistics

## International Airports

3

#### **Domestic Airports**

7

## International Passenger Traffic

10.5 million passengers

## International Cargo Traffic

91 693 metric tonnes

## National Airlines with International Services

4

## Foreign Airlines

44

## **Preparing for Tomorrow**

- ➡ Budapest Airport has received yet another prestigious award of excellence, this time from the CAPA Centre for Aviation that named the Hungarian capital city's facility "Airport of the Year". In 2015, the airport welcomed 10.3 million passengers, an all-time high.
- HungaroControl operates Central Europe's largest research, development and simulation facility (CRDS), equipped with stateof-the-art technology and capable of performing large scale, cross-boarding simulations.
- As of February 2015, the Hungarian Free Route Airspace (HUFRA) is at the airlines' service without any restriction. Moreover, with the launch of Controller Pilot Data Link Communications (CPDLC) in November 2015, air traffic controllers and pilots can communicate not only verbally, but also through text messages.
- HungaroControl is currently working on the implementation of remote tower technology at Budapest International Airport. The operational concept of the contingency remote tower has been created for the airport of Dubai as well.

## Did You Know... Travel and Tourism

Hungary is a land of more than 1 000 hot springs, prized by ancient Romans for the healing effects of the thermal waters. They developed a bathing culture in Hungary some 2 000 years ago, later enhanced by the Turks with their beautiful Turkish baths, some of which are still in use. Many spas are located in Budapest and throughout the country. Hungary has more medicinal spas than anywhere else.





## Relationship with ICAO



21 March 1947 - Deposit of instrument of ratification of the Chicago Convention



# **Facts and Figures**

## Capital

Reykjavik

## Official Languages

Icelandic

#### Currency

Icelandic Króna

#### Area

100 250 km<sup>2</sup>

#### **Population**

320 671

#### **Gross Domestic Product**

USD 17.1 billion USD 52 036 per capita

## **Country Telephone Code**

## Air Transport **Statistics**

## International Airports

#### Domestic Airports

#### International Passenger Traffic

3.9 million passengers

#### International Cargo Traffic

41 925 metric tonnes

#### **National Airlines with** International Services

## Foreign Airlines

## **Preparing for Tomorrow**

- The Icelandic transport strategy has put the emphasis on creating an environment where safety is number one and where competition is encouraged.
- The network connecting Iceland to other countries is steadily growing, as more air operators offer year-round scheduled flights to Iceland. Simultaneously, the number of destinations has grown in recent years.
- lceland is not a member of the EU, but it is a full member of the European Aviation Safety Agency and most of the legislative work concerning aviation is incorporated into Icelandic law through European Economic Area arrangements.

## Did You Know... Travel and Tourism

The volcanic eruptions in Fimmvörduhals and Eyjafjallajökull, known to all in the aviation industry, actually triggered an increase in tourism to Iceland, with a sharp rise in the number of passengers at Keflavik Airport. The increase between 2010 and 2015 was in the order of 135 per cent and estimates for 2016 show a further increase of 28 per cent compared with 2015.







31 October 1946 – Deposit of instrument of ratification of the Chicago Convention

▼ Ireland's Wild Atlantic Way





▲ Dublin Airport Terminal 2

# State Facts and Figures

## Capital

Dublin

## Official Languages

English, Irish

## Currency

Euro

#### Area

70 273 km<sup>2</sup>

#### **Population**

4.6 million

## **Gross Domestic Product**

USD 250.8 billion USD 54 339 per capita

Country Telephone Code

# Air Transport Statistics

## International Airports

5

#### **Domestic Airports**

2

## International Passenger Traffic

29.5 million passengers

#### International Cargo Traffic

153 583 metric tonnes

## National Airlines with International Services

8

## Foreign Airlines

32

## **Preparing for Tomorrow**

- ▶ Ireland will present a candidate for election to the ICAO Council for the period 2016-2019, to represent the ABIS Group of eight European States: Austria, Belgium, Croatia, Ireland, Luxembourg, The Netherlands, Portugal and Switzerland.
- Ireland's Council member will work to ensure that aviation can grow mindful of the environment, that cooperatively ICAO Member States can maintain high safety standards, address new security threats and share expertise to help bring the benefits of air transport services to all.
- Ireland's air navigation services provider, the Irish Aviation Authority (IAA), is leading the way for a truly global flight tracking system as an investor in the Aireon venture, along with other leading ANSPs and Iridium Communications Inc. - www.aireon.com
- Ireland launched its National Aviation Policy in 2015 with a 73-point Action Plan to ensure that aviation continues to grow and that Ireland continues to play a significant role in the development of global aviation into the future

## Did You Know... Travel and Tourism

Dublin-London is the busiest air route in Europe and the second busiest international one in the world, with 4.5 million passengers in 2015. Ireland's Wild Atlantic Way is the world's longest defined coastal touring route. More than 2 500 km in length, it reveals breathtaking landscapes and spectacular heritage sites. The Wild Atlantic Way is not a destination but a journey. Join the journey!







24 May 1949 – Notification of adherence to the Chicago Convention

▼ Tel-Aviv Ben-Gurion International Airport





▲ Floating in the dead sea

# State Facts and Figures

#### Capital

Jerusalem\*

#### Official Languages

Hebrew, Arabic

#### Currency

Shekel

#### Area

22 072 km<sup>2</sup>

#### **Population**

7.9 million

#### **Gross Domestic Product**

USD 305.7 billion USD 37 208 per capita

## Country Telephone Code

972

# AirTransport Statistics

## International Airports

5

## Domestic Airports

2

## International Passenger Traffic

14.3 million passengers

## International Cargo Traffic

280 305 metric tonnes

## National Airlines with International Services

10

#### Foreign Airlines

120

## **Preparing for Tomorrow**

- The new Eilat (Ilan and Assaf Ramon) International Airport is currently under construction. Located 19 km north of the city of Eilat, the new airport will replace the current Eilat and Ovda Airports as the destination for both domestic and international flights.
- The new airport is a unique national project, being the first airport to be planned and constructed in Israel from start to finish.

  It is destined to become the country's southern aerial gateway.
- The projected completion date for the new airport is June 2017 and it has been designed to handle three million passengers a year.

## Did You Know... Travel and Tourism

The city of Eilat is a great choice as a diving holiday destination. Located at the southernmost tip of Israel, on the Gulf of Aqaba of the Red Sea, Eilat nestles between jagged red mountains and crystal clear waters. The year-long hot, dry climate attracts not only tourists from colder climates, but also provides a haven for more than 250 species of corals and more than 1 200 species of fish.

<sup>\*</sup> Designation and information provided by Israel. The position of the United Nations on Jerusalem is stated in A/RES/181 (II) and subsequent General Assembly and Security Council resolutions. The position of ICAO is stated in Assembly Resolutions A21-7 and A23-5.







31 October 1947 – Notification of adherence to the Chicago Convention

▼ APR IA-17 MANTA (IDS Ingegneria dei Sistemi)





▲ P.1HH (Piaggio Aerospace)

# State Facts and Figures

## Capital

Rome

Official Languages

Italian

Currency

Euro

Area 302 000 km<sup>2</sup>

Population

59.7 million

**Gross Domestic Product** 

USD 2.1 trillion USD 34 908 per capita

**Country Telephone Code** 

39

# Air Transport Statistics

International Airports

45

**Domestic Airports** 

45

International Passenger Traffic

97.9 million passengers

International Cargo Traffic

870 873 metric tonnes

National Airlines with International Services

7

Foreign Airlines

285

## **Preparing for Tomorrow**

- Italy has boldly taken on the challenges created by new and innovative technologies, particularly in the field of Unmanned Air Vehicles (UAV).
- Italian industry represents excellence in various areas aimed at the full integration of unmanned aircraft into civilian airspace.
- Italy plays an important role in the most relevant European research projects and experiments, as well as certification of UAV systems.
- There are today UAVs entirely built and commercialized by Italian industry, either in the small and medium weight category, or in the heaviest multiengine category.
- In order to support the national industry, the Italian Civil Aviation Authority has been providing and updating regulations and guidelines to authorize UAV systems for use in specialized operations and in any condition, including critical areas.

## Did You Know... Travel and Tourism

From 8 December 2015 to 20 November 2016, Italy celebrates one of the world's most important events – the Jubilee of Mercy 2016. Besides having the chance to visit the places that best represent Christianity, being in Italy during this "Holy Year" may be the opportunity to know and appreciate the historic, artistic and cultural beauties of this beautiful country.

# MORE ABOUT **ITALY**

Interview with Alessio Quaranta, Director General, Italian Civil Aviation Authority (ENAC)

# Unmanned Aerial Vehicles: a new era for air transport



While diligently fulfilling its regulatory responsibilities for the safety and efficiency of civil aviation in Italy, ENAC emphasizes the development of air transport throughout the country – especially for consumers and industry – by promoting the preservation of rights, quality of services and fair competition, within an environmentally friendly approach.

ENAC Director General Alessio Quaranta discusses below the exponential growth of UAVs, also known as Remotely Piloted Aircraft Systems (RPAS), and their huge potential for commercial services.

## What is the role of ENAC in relation to the rising presence of drones in our skies?

Drones have become a part of everyday life. Originally used for military operations, they have quickly spread to the commercial sector, confirming once again that military technologies can benefit civil society, as with the Internet and nuclear energy. The international demand for drones is definitely increasing and Italy plays a significant role in this emerging market by providing various assets and advanced technologies. From a regulatory perspective, ENAC was among the first European Authorities to support the vitality of the domestic industry. In December 2013, it issued the first RPAS regulation and has since kept revising the rules pertaining to the identification and use of these products. Moreover, to sustain the national industry, ENAC has been providing and updating regulations and guidelines for the use of UAVs in specialized operations and in all conditions, including critical areas.

## What fields of activity are most impacted by this growing industrial sector?

Italian industry is recognized for excellence and innovation in the integration of UAVs in all aspects of air traffic management. We are proud of our involvement in the most important European projects and in the testing and certification of UAV systems. Today, there are UAVs entirely built and commercialized by Italian enterprises, in the small and medium weight categories as well as in the heaviest multi-engine category. A major contribution in this regard is the development and establishment of a UAV-related infrastructure in the Puglia region, specifically the Taranto-Grottaglie airport area, to support industry and academic/research centres. It is a logistics platform that is fully equipped with instruments and services to facilitate research and experiments for the development of new unmanned aerial vehicles. These are intended to support the so-called test range activities for the operation of unmanned aircraft in airspace.

## What are the prospects for this industry?

I believe that the positive trend resulting from the growing demand for these aerial vehicles is a clear indication for us to continue to support the sector and to create highly qualified employment in the production and commercial services. The consolidation of rules and further development of enabling technologies form the basis for many more high value-added services.



# KAZAKHSTAN\*



## Relationship with



21 August 1992 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Astana

## Official Languages

Kazakh, Russian

#### Currency

Tenge

#### Area

2 724 900 km<sup>2</sup>

#### Population

16.8 million

## **Gross Domestic Product**

USD 212.2 billion USD 12 276 per capita

**Country Telephone Code** 

7

# Air Transport Statistics

## International Airports

16

## Domestic Airports

N/A

## International Passenger Traffic

2 million passengers

#### International Cargo Traffic

12 226 metric tonnes

National Airlines with International Services

9

## Foreign Airlines

32

## **Preparing for Tomorrow**

- Over the past 10 years, the civil aviation market grew fourfold.
- ► Each year, there was an increase of 10 to 15 international flights, for an anticipated total of 128 by 2020.
- Air Astana, the principal airline and the flag carrier of Kazakhstan, was the first airline based in the Commonwealth of Independent States (CIS) and Eastern Europe to be awarded the Skytrax 4-star rating. In addition, it was named "Best Airline in Central Asia and India" and "Best Service Staff in Central Asia and India" by Skytrax in 2013.
- By the end of 2020, USD 2.8 billion will be invested in the civil aviation sector - USD 500 million from the national budget and USD 2.3 billion from private financing.
- In 2013, a new ICAO Aviation Security Training Centre (ASTC) was opened in Almaty.

## Did You Know... Travel and Tourism

Astana will host Expo 2017, the specialized exposition whose theme will be "Future Energy". For its part Almaty, Kazakhstan's largest city, is to be a candidate for the 2022 Winter Olympics.



# KYRGYZSTAN



## Relationship with



25 February 1993 – Notification of adherence to the Chicago Convention



# State Facts and Figures

## Capital

**Bishkek** 

## Official Languages

Kyrgyz, Russian

#### Currency

Som

#### Area

199 000 km<sup>2</sup>

#### **Population**

5.9 million

#### **Gross Domestic Product**

USD 7.4 billion USD 1 269 per capita

Country Telephone Code

996

## AirTransport Statistics

## International Airports

5

#### **Domestic Airports**

6

## International Passenger Traffic

690 369 passengers

## International Cargo Traffic

118 300 metric tonnes

## National Airlines with International Services

9

## Foreign Airlines

12

## **Preparing for Tomorrow**

- The role of civil aviation in the development of international tourism and trade is very big. The Civil Aviation Agency of the Kyrgyz Republic is taking the necessary measures to resolve and improve the performance of civil aviation. The CAA conducted operations on the improvement of air legislation and the adoption of aviation rules. We are confident that these efforts will create conditions for the further development of civil aviation.
- One of the main tasks of the Civil Aviation Authority is to update the fleet of Kyrgyz air carriers. Over the past few years, Kyrgyz airlines began updating its fleet with modern aircraft, such as Boeing, Airbus, BEA models, while opening up new international air destinations. The Kyrgyz CAA will continue to support this process.
- Updating the aircraft fleet of the Kyrgyz Republic will increase flight safety, ensure its competitiveness, and will be one of the main conditions for the restoration of parity in the operation of international air services between the Kyrgyz Republic and other countries.

## Did You Know... Travel and Tourism

Kyrgyzstan – the place where everyone can find what he or she is searching for: mountains, blue seas, rapid rivers and authentic culture. Wonderful Issykkul Lake for those who prefer beach recreation. For lovers of winter sports, there is one of the best ski centres – "Karakul". Indescribably beautiful mountains will impress everyone who wants to do mountain tourism. Yes, welcome to Kyrgyzstan!



# LATVIA



## Relationship with



13 July 1992 – Notification of adherence to the Chicago Convention





# State Facts and Figures

## Capital

Riga

## Official Languages

Latvian

## Currency

Euro

## Area

64 589 km²

#### Population

2 million

## **Gross Domestic Product**

USD 31.3 billion USD 15 250 per capita

Country Telephone Code

371

# Air Transport Statistics

## International Airports

1

## Domestic Airports

11

## International Passenger Traffic

5.2 million passengers

## International Cargo Traffic

53 540 metric tonnes

## National Airlines with International Services

5

## Foreign Airlines

19

## **Preparing for Tomorrow**

- Our goal is to support the development of clear rules concerning the operation of Remotely Piloted Aircraft Systems (RPAS) in Latvia, to make sure they meet the highest levels of safety.
- Another major undertaking is the Rail Baltica project that would ensure the independence of the transport system of the Baltic States. The Baltic railway infrastructure will be connected to the European railway corridor.

## Did You Know... Travel and Tourism

Latvia is a Baltic country on the eastern shores of Baltic Sea. It is divided into four regions: Vidzeme, Kurzeme, Zemgale and Latgale. In Latvia, one must see and experience... the Latvian National Opera and Ballet, the beautiful architecture in the old part of Riga, the Baltic Sea coast and the spa rituals characteristic to Latvia. All this and much more in beautiful Latvia!



# LITHUANIA



## Relationship with



ICAC

8 July 1992 – Notification of adherence to the Chicago Convention

▼ Vilnius Old Town – a Baroque masterpiece





▲ Feel the surrounding green Lithuanian nature

# State Facts and Figures

## Capital

Vilnius

## Official Languages

Lithuanian

#### Currency

Euro

#### Area

65 300 km<sup>2</sup>

#### Population

2.9 million

#### **Gross Domestic Product**

USD 48.4 billion USD 16 506 per capita

Country Telephone Code

# Air Transport Statistics

## International Airports

4

## Domestic Airports

0

## International Passenger Traffic

3.5 million passengers

#### International Cargo Traffic

13 500 metric tonnes

## National Airlines with International Services

8

## Foreign Airlines

38

## **Preparing for Tomorrow**

## Lithuania is:

- one of the EU's prime transport hubs and the connecting point between two major pan-European transport corridors
- •the most northern ice-free seaport on Baltic Sea's eastern shore
- three hours or less flight time from all EU capitals
- a perfect location for businesses that need to be globally connected 24/7
- first in Central Eastern Europe (CCE) for road quality
- proud of its world class ICT infrastructure and an expanding, highly qualified talent pool
- Home to one of the fastest Internet in the world, with quick logistical access to both Eastern and Western Europe
- a regional leader in modern biotechnology, producing one of every ten high-end scientific lasers in the world
- •first in CEE for university-industry collaboration in R&D
- a country of aviation and basketball. Nearly 100 aviation events are organized annually, including European & world championships.
   Flight training for children is promoted. Basketball players are medallists of European & world championships.

## Did You Know... Travel and Tourism

Lithuania, at the very heart of Europe, is a land of meadows and hills, national parks and forests, rivers and lakes, the soughing of the sea upon the beach, Curonian Spit and revitalizing resorts. All with a touch of authenticity, ancient Baltic traditions and festivals, distinctive music and dances, individual ethnographic regions, castles and churches. Vilnius is a UNESCO World Heritage Site.



# LUXEMBOURG



## Relationship with



28 April 1948 – Deposit of instrument of ratification of the Chicago Convention

**▼** Luxembourg Findel Airport





**▲** Cargocenter

# State Facts and Figures

#### Capital

Luxembourg

## Official Languages

French, German, Luxembourgish

#### Currency

Euro

## Area

2 586 km<sup>2</sup>

## Population

576 249

## **Gross Domestic Product**

USD 64.9 billion USD 116 664 per capita

## Country Telephone Code

352

# Air Transport Statistics

## International Airports

1

#### Domestic Airports

2

## International Passenger Traffic

2.7 million passengers

#### International Cargo Traffic

738 138 metric tonnes

## National Airlines with International Services

6

## Foreign Airlines

22

## **Preparing for Tomorrow**

- A few interesting facts about Luxembourg...
  - Member of the ICAO ABIS group
  - Cargolux was the launch customer for the Boeing 747-8
  - Has concluded air services agreements with some 131 countries
  - The NAA issued its first "Yearly Safety Report" in 2015
  - One of the top 10 cargo airports in Europe, and among the top 30 worldwide
  - Home to EUROCONTROL's IANS training centre, a full member of the ICAO TRAINAIR PLUS Programme
  - Occupied the European Presidency in 2015

## Did You Know... Travel and Tourism

Luxembourg is strategically located in the heart of Europe, surrounded by France, Germany and Belgium.

## **Europe and North Atlantic**

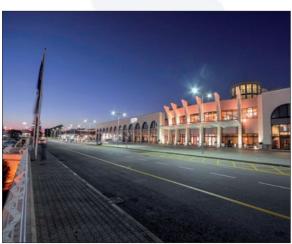




## Relationship with



5 January 1965 – Notification of adherence to the Chicago Convention



# State Facts and Figures

## Capital

Valletta

## Official Languages

Maltese, English

#### Currency

Euro

## Area

316 km<sup>2</sup>

#### Population

420 000

## **Gross Domestic Product**

USD 9.6 billion (2013) USD 22 776 per capita (2013)

## **Country Telephone Code**

356

# Air Transport Statistics

## International Airports

1

#### Domestic Airports

N/A

## International Passenger Traffic

4.3 million passengers

#### International Cargo Traffic

15 546 metric tonnes

## National Airlines with International Services

1

## Foreign Airlines

33

## **Preparing for Tomorrow**

- Malta International Airport has been welcoming an increasing number of passengers year over year.
- The airport has unveiled plans to expand its existing Terminal by adding further check-in desks, extending the security area to double its current footprint, and increasing circulation space.
- This project is expected to get under way towards the end of 2016.
- These investments are driven by the airport's commitment to realizing its vision of offering the best airport experience in Europe, one that consistently seeks to delight its guests.
- The strategy is to improve the overall passenger experience at the airport, thereby contributing to a positive impression on the part of all tourists visiting Malta.

## Did You Know... Travel and Tourism

In 2015, Malta lived up to its "sunny" reputation, with the sun making an appearance on 217 days during the year. Malta's sunny disposition, coupled with its beaches, is one of the main tourist attractions.







4 January 1980 – Notification of adherence to the Chicago Convention

#### **▼** Heliport





▲ Heliport

### State Facts and Figures

### Capital

Monaco

### Official Languages

French

### Currency

Euro

### Area

2.02 km<sup>2</sup>

### Population

37 800

### **Gross Domestic Product**

USD 5.32 billion USD 98 562 per capita

### **Country Telephone Code**

377

# Air Transport Statistics

### International Airports

1 heliport

### Domestic Airports

1

# International Passenger Traffic

88 225 passengers

### International Cargo Traffic

A/N

# National Airlines with International Services

2

### Foreign Airlines

4

# **Preparing for Tomorrow**

- Monaco is currently carrying out major works on the heliport:
  - structural reinforcement of the runway (from 6T up to 10T)
  - renovation of the tarmac
  - new lighting (LED only)
- From 2017, a new terminal will start to replace the present one, including notably additional hangar capacity and a new control tower.
- A project for a new Final Approach and Take-off (FATO) area reclaimed from the sea is under consideration. It would enhance the safety of flights and could make possible operations with a new type of aircraft, Tiltrotors.

### Did You Know... Travel and Tourism

Monaco has the highest density of population in the world for a sovereign nation: 18 712 people/km². There are 40 000 cross-border commuters every day, 4 642 hotel beds and 6 000 automobile public parking spots.



# MONTENEGRO



# Relationship with



12 February 2007 – Notification of adherence to the Chicago Convention



# State Facts and Figures

### Capital

Podgorica

### Official Languages

Montenegrin

### Currency

Euro

### Area

13 450 km<sup>2</sup>

### Population

621 800

### **Gross Domestic Product**

USD 4.6 billion USD 7 378 per capita

### **Country Telephone Code**

382

# AirTransport Statistics

### International Airports

2

### **Domestic Airports**

0

# International Passenger Traffic

1.6 million passengers

# International Cargo Traffic

768 metric tones

# National Airlines with International Services

1

### Foreign Airlines

8

### **Preparing for Tomorrow**

- ◆ As a candidate country, Montenegro is currently negotiating for membership in the EU. Its European perspective was reaffirmed by the Council in June 2006, following recognition of the country's independence by EU Member States.
- Montenegro has signed a multilateral agreement on the establishment of the European Common Aviation Area (ECAA) based on mutual market access to the air transport markets of the Contracting Parties and freedom of establishment, with equal conditions of competition, and respect of the same rules – including in the areas of safety, security, air traffic management, social harmonization and environment.
- As a part of the EU's "one-stop security" initiative, Montenegro implements security measures equivalent to those of the Union.
- Because Montenegro mirrors and implements EU aviation legislation, while sharing best practices with EU Member States, it is fully ready to face the anticipated future challenges in the field of air transport.

### Did You Know... Travel and Tourism

Porto Montenegro is located in the Boka Bay. It offers marina guests a full homeport solution amidst one of the world's most spectacular cruising grounds. The marina has been awarded the "5 Gold Anchor Award" by The Yacht Harbour Association and is proud to be certified in environmental protection and quality management.



# MOROCCO\*



# Relationship with



13 November 1956 – Notification of adherence to the Chicago Convention

# LHITRAIISIDEAN



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Rabat

### Official Languages

Arabic, Berber

### Currency

Dirham

### Area

446 300 km<sup>2</sup>

### Population

32.5 million

### **Gross Domestic Product**

USD 107 billion USD 3 140 per capita

### Country Telephone Code

212

# Air Transport Statistics

### International Airports

18

### **Domestic Airports**

N/A

# International Passenger Traffic

15 million passengers

# International Cargo Traffic

52 883 metric tonnes

# National Airlines with International Services

2

### Foreign Airlines

43

# **Preparing for Tomorrow**

- Royal Air Maroc received the "Best Regional Airline for Africa" award from Skytrax at the Farnborough International Air Show and, for the second year in a row in 2014, the International Five Star Diamond Award from the American Academy of Hospitality Sciences.
- The National Office of Airports and LH Aviation Maroc signed in 2014, at the Marrakesh Air Show, an agreement for the installation of the 1st aircraft manufacturing plant in Morocco.
- The revolutionary Smiths Detection high-speed hold baggage explosives detection system the HI-SCAN 10080 XCT was installed in the new passenger terminal at Marrakech's Menara Airport.

## Did You Know... Travel and Tourism

In 2006, the Kingdom of Morocco signed an "open skies" agreement with the EU that has a positive impact, particularly in terms of air traffic, on the number of operators and related investments to the aviation industry.



# NETHERLANDS



# Relationship with



**ICAO** 

26 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Amsterdam Schiphol Airport





# State Facts and Figures

### Capital

Amsterdam

### Official Languages

Dutch

### Currency

Euro

### Area

41 526 km<sup>2</sup>

### Population

16.8 million

### **Gross Domestic Product**

USD 879.3 billion USD 52 172 per capita

### **Country Telephone Code**

31

# Air Transport Statistics

### International Airports

5

### **Domestic Airports**

6

# International Passenger Traffic

60 million passengers

#### International Cargo Traffic

1.6 million metric tonnes

# National Airlines with International Services

6

### Foreign Airlines

100

### **Preparing for Tomorrow**

- Sustainable biofuels are essential to substantially reduce the environmental impact of aviation activities. Their deployment should contribute to the ambitious goals of ICAO in the area. Moreover, reducing dependency on fossil fuels could increase the energy independence of the Netherlands and Europe.
- ➡ Beginning in 2009, KLM pioneered and expanded the use of social media services and campaigns. The airline took a major step forward on 18 July 2011 when it became one of the world's first companies to offer 24-hour service via social media. The overall objective remains to further optimize contact with customers during their entire trip. For example, KLM is constantly exploring new platforms and the possibility of offering services in even more languages. Currently, on six of the most popular social media platforms Facebook, Twitter, WeChat, KakaoTalk, VKontakte and LinkedIn the airline offers customers a 24/7 one-stop-shop in 13 languages: Dutch, English, German, Spanish, Portuguese, Italian, French, Norwegian, Russian, Japanese, Chinese, Korean and Thai.

### Did You Know... Travel and Tourism

Although the Netherlands is a small country, there are lots of things to see and do. Amsterdam, the capital, is located very close to Amsterdam Schiphol Airport and is a very popular destination for tourists. In 2014, 14 million foreign tourists visited the Netherlands. Popular attractions are the Rijksmuseum, the Van Gogh museum and canal cruises.



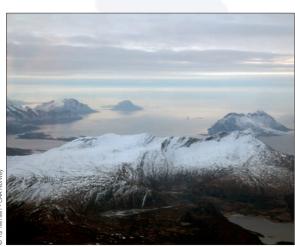




5 May 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Oslo International Airport, gateway to Norway





▲ Departure from Bodo Airport (B00)

# State Facts and Figures

### Capital

Oslo

### Official Languages

Norwegian

### Currency

Norwegian Krone

### Area

323 771 km<sup>2</sup>

### Population

5.2 million

### **Gross Domestic Product**

USD 499.8 billion USD 97 307 per capita

Country Telephone Code

47

# Air Transport Statistics

### International Airports

18

### **Domestic Airports**

51

# International Passenger Traffic

17.7 million

### International Cargo Traffic

133 559 metric tonnes

# National Airlines with International Services

3

### Foreign Airlines

28

### **Preparing for Tomorrow**

- Aviation is the backbone of the Norwegian transportation system.
- In 2015, almost 54 million passengers boarded flights to and from Norwegian airports, a number expected to reach 80 million by 2050.
- Norwegians use domestic flights more often than any other European country; over 25 million passengers travelled within Norway in 2015.
- There are 52 airports in Norway with regular passenger traffic, making Norway the European country with the most airports per citizen.
- Norway has actively supported the development of more environmentally friendly aviation operations, such as "green" take-offs and landings and, more recently, bio-fuel research.
- Oslo airport was the first airport to offer bio-fuel to airlines fuelling at the airport.

### Did You Know... Travel and Tourism

In Norway, tourism accounts for approximately 4 per cent of GDP. The tourism industry in the country employs some 150 000 people and 42 per cent of tourists to and from Norway travel by air.



# POLAND



# Relationship with



6 April 1945 – Deposit of instrument of ratification of the Chicago Convention

▼ Kraków Airport





▲ Gdansk Airport Terminal

### State Facts and Figures

### Capital

Warsaw

### Official Languages

Polish

### Currency

**Zloty** 

### Area

312 679 km<sup>2</sup>

### Population

38.5 million

### **Gross Domestic Product**

USD 545 billion USD 14 342 per capita

### **Country Telephone Code**

48

### AirTransport Statistics

### International Airports

20

### **Domestic Airports**

38

# International Passenger Traffic

27 million passengers

#### International Cargo Traffic

72 901 metric tonnes

# National Airlines with International Services

19

### Foreign Airlines

123

### **Preparing for Tomorrow**

- Poland has a long tradition of civil aviation scientific research, design and manufacture of aircraft, as well as international air connections and achievements in air sports.
- The first Polish accomplishments in the aviation field go back to the 19<sup>th</sup> century when a Polish scientist named Stefan Drzewiecki formulated a propeller theory on which the Wright brothers and many other aviation pioneers based their calculations. It was also his initiative to build the first wind tunnel in Paris.
- A great opportunity to see modern technological inventions can be had by visiting the Institute of Aviation, in Warsaw.
- The largest and the most famous industrial cluster in Poland is Dolina Lotnicza (Aviation Valley). It brings together about 90 aviation enterprises that attract foreign investors, develop cooperation with other aviation and industrial centers as well as airports, and promote collaboration with technical universities.

### Did You Know... Travel and Tourism

The Cracow-Rakowice-Czyżyny airfield is one of the first in Poland whose history dates back to 1912. Nowadays, it is a place where history can be seen and touched by aviation fans as it has been transformed into the Polish Aviation Museum.



# PORTUGAL



# Relationship with



27 February 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Humberto Delgado Airport, Lisbon





A Ribeira, Oporto

# State Facts and Figures

### Capital

Lisbon

### Official Languages

Portuguese

### Currency

Euro

### Area

92 212 km<sup>2</sup>

### Population

10.5 million

### **Gross Domestic Product**

USD 230.1 billion USD 22 132 per capita

### Country Telephone Code

351

### AirTransport Statistics

### International Airports

8

### **Domestic Airports**

16

# International Passenger Traffic

32.1 million passengers

# International Cargo Traffic

116 263 metric tonnes

# National Airlines with International Services

19

### Foreign Airlines

480

# **Preparing for Tomorrow**

- Portugal has always worked diligently to foster international cooperation and to secure the highest possible degree of harmonization in civil aviation regulations, standards and procedures.
- Portugal is part of the "Portuguese Countries Civil Aviation Authorities Community" (CAACL) created in November 2007. It is a forum for all Portuguese official language countries - Angola, Brazil, Cabo Verde, Equatorial Guinea, Guinea-Bissau, Mozambique, Portugal, Sao Tome and Principe, and East Timor.
- Portugal plays an important role in the provision of international civil air navigation services, covering its own territory and a large portion of the North Atlantic, corresponding to some 5 800 000 km².
- Portugal is a modern and competitive country. Demanding companies like NetJets Europe have chosen Portugal to set up their activities. We have all the conditions to further develop the aviation cluster.

### Did You Know... Travel and Tourism

Portugal was considered the "Best Value Destination" by Lonely Planet in 2015, having the best quality/price ratio. The country received 16 million visitors and revenues of 11.4 billion euros from tourism. Lisbon is the capital of Portugal and Oporto is the second largest city, in the north of the country. Both are wonderful to visit, with their historic districts and monuments.



# REPUBLIC OF MOLDOVA



# Relationship with



1 June 1992 – Notification of adherence to the Chicago Convention

# Ang.



# State Facts and Figures

### Capital

Chisinau

### Official Language

Romanian

### Currency

Moldovan Leu

### Area

33 842,51 km<sup>2</sup>

### Population

3.6 million

### **Gross Domestic Product**

USD 7.9 billion USD 2 238 per capita

### **Country Telephone Code**

373

# Air Transport Statistics

### International Airports

3

### Domestic Airport

0

# International Passenger Traffic

2.2 million passengers

# International Cargo Traffic

2 600 metric tonnes

# National Airlines with International Services

2

### Foreign Airlines

16

### **Preparing for Tomorrow**

- The modernization of Chisinau International Airport is progressing well and includes most notably a 3 860 m<sup>2</sup> extension to the terminal building, parking facilities for 800 vehicles and runway renovations.
- The longest runway in the former Union of Soviet Socialist Republics is located at Chisinau International Airport; it measures 3 590 metres.
- Chisinau International Airport has been designated as the best airport in the Commonwealth of Independent States for eight consecutive years.
- The annual increase in passenger traffic is about 30 per cent, based on 2013 figures.

### Did You Know... Travel and Tourism

According to the Guinness World Records, Milestii Mici is the largest wine cellar in terms of the number of bottles. The bottles are stored in 55 km of underground galleries excavated during lime mining operations. The first bottle was stored in 1968, and new vintages are added each year.







30 April 1965 – Notification of adherence to the Chicago Convention

▼ Parliament Palace





▲ Transylvania

### State Facts and Figures

### Capital

**Bucharest** 

### Official Languages

Romanian

### Currency

Romanian Leu

### Area

230 160 km<sup>2</sup>

### Population

20 million

### **Gross Domestic Product**

USD 199 billion USD 9 996 per capita

### Country Telephone Code

40

# Air Transport Statistics

### International Airports

16

### **Domestic Airports**

N/A

# International Passenger Traffic

10.6 million passengers

# International Cargo Traffic

30 125 metric tonnes

# National Airlines with International Services

10

### Foreign Airlines

66

# **Preparing for Tomorrow**

All of the 16 Romanian international airports have been modernized according to current international safety and security standards. At the same time, their capacity has been increased in order to accommodate the growth in traffic. These enhancements are having a positive impact on regional development and tourism.

## Did You Know... Travel and Tourism

The Palace of Parliament of Romania is the 2<sup>nd</sup> largest building in the world. Romania holds over 60 per cent of the European mineral water reserves. The Romanian province of Transylvania is home to nearly 150 villages that preserve fortified churches built mainly after the Tartar invasion of 1241; seven of these churches have been named UNESCO World Heritage Sites.



# RUSSIAN FEDERATION



# Relationship with



15 October 1970 – Notification of adherence to the Chicago Convention

▼ St. Basil's Cathedral and Ilushin 96





▲ Petropavlovsk-Kamchatsky Airport

# State Facts and Figures

### Capital

Moscow

### Official Languages

Russian

### Currency

Ruble

### Area

16 376 870 km<sup>2</sup>

### Population

143.8 million

### **Gross Domestic Product**

USD 1.9 trillion USD 12 735 per capita

### **Country Telephone Code**

7

# Air Transport Statistics

### International Airports

82

### **Domestic Airports**

211

# International Passenger Traffic

39.5 million passengers

#### International Cargo Traffic

806 299 metric tonnes

# National Airlines with International Services

71

### Foreign Airlines

1003

# **Preparing for Tomorrow**

- In February 2001, Russia launched the Cross Polar routes, now part of a dynamic air transport system with 30 per cent annual growth compared to an overall growth rate of 6-7 per cent. Over 600 flights are operated monthly, having carried more than 70 000 passengers a month from 2001 to 2012.
- The total length of air routes in Russia is 690 000 km, or almost twice the distance between the earth and the moon. The longest domestic non-stop flight takes 8 hours and 10 minutes, compared to a 10-hour flight from Russia to the U.S., over the North Atlantic.
- On 18-20 June 1937, Soviet aviators V. Chkalov, G. Baidukov and A. Beliakov were the first in history to conduct a non-stop flight from Moscow to Vancouver over the North Pole, a total distance flown of 8 504 km.
- The world's most mass-produced twin-engine helicopter in history is the MI-8.

### Did You Know... Travel and Tourism

Russia is the birthplace of the worlds first multi-seat, multi-engine airliner – the "Ilya Muromets". Built in 1913 by Igor Sikorski, it featured a heated passenger cabin with electric lightning, a bedroom, a living room and even a toilet.



# SAN MARINO



# Relationship with



13 May 1988 – Notification of adherence to the Chicago Convention

#### ▼ The City of San Marino





▲ San Marino Palace of Government

### State Facts and Figures

### Capital

City of San Marino

### Official Languages

Italian

### Currency

Euro

### Area

61.19 km<sup>2</sup>

### Population

32 520

### **Gross Domestic Product**

USD 1.4 billion USD 36 200 per capita

### **Country Telephone Code**

378

# Air Transport Statistics

### International Airports

Heliport

### **Domestic Airports**

N/A

### International Passenger Traffic

N/A

### International Cargo Traffic

A/N

### National Airlines with International Services

N/A

### Foreign Airlines

N/A

# **Preparing for Tomorrow**

- San Marino is a signatory to the Cape Town Convention since January 2015.
- An agreement under Article 83 bis to the Chicago Convention has been signed with the Republic of Lebanon, the Republic of Nigeria and the Kingdom of Saudi Arabia.
- The CAA of San Marino has certified and granted Air Operator Certificates to ACASS Europe srl, Empire Aviation San Marino srl, TJS San Marino srl and ICS AERO SM srl, while the certification process is under way for two other operators
- The CAA is currently developing and implementing Remotely Piloted Aircraft Systems (RPAS) regulations and certification.

### Did You Know... Travel and Tourism

The Republic of San Marino, founded in 301 AD, is one of the most ancient Republics in the world and a UNESCO World Heritage Site since 2008.



# SERBIA



# Relationship with



14 December 2000 – Notification of adherence to the Chicago Convention

▼ Taking-off from Belgrade's Nikola Tesla Airport





▲ Belgrade in the evening

# State Facts and Figures

### Capital

Belgrade

### Official Languages

Serbian

### Currency

Serbian Dinar

### Area

88 360 km<sup>2</sup>

### Population

7.1 million

### **Gross Domestic Product**

USD 43.9 billion USD 6 152 per capita

### **Country Telephone Code**

381

# Air Transport Statistics

### International Airports

2

### **Domestic Airports**

22

# International Passenger Traffic

4.8 million passengers

#### International Cargo Traffic

13 600 metric tonnes

# National Airlines with International Services

1

### Foreign Airlines

27

# **Preparing for Tomorrow**

- ◆ The continuous development of the national civil aviation system through the application of modern European and international standards remains the primary objective of the Civil Aviation Directorate.
- During the 2014 and 2015 period, Serbia negotiated more than 30 bilateral air services agreements and arrangements relating to air transport. Negotiations on additional agreements and arrangements are scheduled for 2016.
- Belgrade's Nikola Tesla International Airport steadily improves its business and operational performance. In 2014, it recorded 54 111 aircraft movements and welcomed more than 4.3 million passengers. In 2015, the number of aircraft movements rose to 58 513 and the number of passengers to more than 4.8 million.

## Did You Know... Travel and Tourism

Serbia is a land in which civilizations, cultures, confessions, climates and landscapes meet and mingle. It is located in the centre of the Balkan Peninsula, in South Eastern Europe. Serbia is landlocked, but as a Danube country it is connected to distant seas and oceans. Serbia is at the crossroads of Europe and a geopolitically important territory.



# SLOVAKIA



# Relationship with



15 March 1993 – Notification of adherence to the Chicago Convention

▼ ATC tower of Bratislava Airport





▲ Strbske Pleso (mountain lake) in High Tatra Mountains

# State Facts and Figures

### Capital

Bratislava

### Official Languages

Slovak

### Currency

Euro

### Area

49 036 km<sup>2</sup>

### Population

5.4 million

### **Gross Domestic Product**

USD 100 billion USD 18 501 per capita

### **Country Telephone Code**

421

### AirTransport Statistics

### International Airports

8

### Domestic Airports

21

# International Passenger Traffic

1.8 million passengers

#### International Cargo Traffic

20 000 metric tonnes

# National Airlines with International Services

4

### Foreign Airlines

8

### **Preparing for Tomorrow**

- ➡ Bratislava Airport was voted the 5<sup>th</sup> best airport in Eastern Europe at the 2014 World Airport Awards. In the past few years, it has undergone major changes, including a new terminal building. It is also looking at increasing the number of cargo flights and building a cargo terminal.
- Tourist centres in Slovakia are working with airports to attract new airlines to the regions, e.g. to Poprad Tatry from Poland and Latvia among others.
- Slovakia is an attractive destination for major European low-cost carriers and is looking to develop new services, especially to regional airports.
- Slovakia is also working on better air links between the regions and the capital, and to major European hubs.
- Slovakia holds the Presidency of the Council of the European Union during the second half of 2016 and chairs the Functional Airspace Block Central Europe (FAB CE) in 2016.
- Slovakia is a member of the European Civil Aviation Conference (ECAC); it sits on the Coordinating Committee and ECAC's Medium-Term Objectives (EMTO) Task Force.

### Did You Know... Travel and Tourism

Poprad Tatry Airport, at 718 metres a.s.l., is the airport with the highest elevation in Central Europe and is the gateway to the Tatra Mountains, a popular winter tourist destination. Slovakia has the world's greatest number of castles and chateaux per capita, has more than 6 000 caves with many open to visitors, and is the geographical midpoint of Europe (Kremnické Bane).



# SLOVENIA



# Relationship with WICAO



13 May 1992 - Notification of adherence to the Chicago Convention





▲ Ljubljana

# **Facts and Figures**

### Capital

Ljubljana

### Official Languages

Slovene

### Currency

Furo

### Area

20 273 km<sup>2</sup>

### Population

2.1 million

### **Gross Domestic Product**

USD 49.5 billion USD 23 999 per capita

### **Country Telephone Code**

### Air Transport **Statistics**

### International Airports

### **Domestic Airports**

### International **Passenger Traffic**

1.4 million passengers

#### International **Cargo Traffic**

18 983 metric tonnes

#### **National Airlines with** International Services

### Foreign Airlines

# **Preparing for Tomorrow**

- Slovenia connects sea and mountains, forests and waters, fields and vineyards, located as it is at the juncture of the Alps, the Mediterranean and the Pannonian Plain.
- 🗘 Three international airports serve Slovenia Ljubljana Jože Pučnik Airport, Maribor Edvard Rusjan Airport and Portorož Airport. The location of Ljubljana Jože Pučnik Airport facilitates landing in the centre of Slovenia, a few kilometres from the capital city Ljubljana.
- The main goal of the country is to further the progressive development of civil aviation, in concert with the international community, to achieve safe, secure, reliable and sustainable development of air transport.
- In keeping with this goal, and with a particular focus on safety, Slovenia has established a number of priorities such as infrastructure capacity building, synergy between air transport and economic development and tourism, and integration of aviation within the country's overall transportation network, to promote inter-modality and the positive outcomes of such an integrated strategy.

## Did You Know... Travel and Tourism

Ranked fifth among 180 countries on the Environmental Performance Index, proactive and healthy Slovenia strives to continually strengthen its reputation as one of the greenest countries in the world. Not only is the country developing its own "Slovenia Green" certificates within the Slovenian Green Scheme, but Ljubljana has been designated the European Green Capital for 2016.







5 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Air traffic control tower Bilbao





▲ New area terminal (NAT) Barajas

# State Facts and Figures

### Capital

Madrid

### Official Languages

Spanish

### Currency

Euro

### Area

498 800 km<sup>2</sup>

### Population

46.8 million

### **Gross Domestic Product**

USD 1.4 trillion USD 29 767 per capita

### Country Telephone Code

34

### AirTransport Statistics

### International Airports

41

### **Domestic Airports**

47

# International Passenger Traffic

144.4 million passengers

# International Cargo Traffic

596 700 metric tonnes

# National Airlines with International Services

14

### Foreign Airlines

180

# **Preparing for Tomorrow**

- Spain is one of the four Airbus partners with manufacturing and assembly plants in Madrid, Sevilla and Cadiz.
- More than 70 countries use Spanish technology in their air traffic control centres.
- Spanish companies Aena, Ferrovial and Abertis own and participate in airport operations in several Latin American and European countries.
- More than 1.9 million flights were managed by ENAIRE air traffic control services in 2015.
- Spain serves three Flight Information Regions with four area control centres.
- There are 94 active bilateral and multilateral agreements with States beyond the European Union.
- Air transport in Spain generated about 2 per cent of total Spanish GDP and more than 439 thousand jobs in 2014, representing 9.8 per cent of European airport employment.
- Spain ranks third in the world in terms of foreign tourists, with 68.5 million in 2015. Some 80 per cent of them used air transport. Tourism contributes 10.9 per cent to GDP.

### Did You Know... Travel and Tourism

Aena is the world's largest airport operator, handling more than 207 million passengers in 2015, and ranked second by revenue in 2014. The continental airspace under Spanish responsibility is 2.2 million km²; it ranks sixth in the world and second in Europe.



# SWEDEN



# Relationship with



7 November 1946 – Deposit of instrument of ratification of the Chicago Convention

▼ Remote Tower Service (RTS) in Sundsvall





▲ Oresunds Bridge

### State Facts and Figures

### Capital

Stockholm

### Official Languages

Swedish

### Currency

Krona

### Area

449 964 km<sup>2</sup>

### Population

9.8 million

### **Gross Domestic Product**

USD 571.1 billion USD 58 898 per capita

### **Country Telephone Code**

46

### AirTransport Statistics

### International Airports

28

### **Domestic Airports**

39

# International Passenger Traffic

27 million passengers

#### International Cargo Traffic

124 324 metric tonnes

# National Airlines with International Services

15

### Foreign Airlines

201

### **Preparing for Tomorrow**

- To operate air traffic control at a distance has meant breaking new ground.
- Since 21 April 2015, the Air Traffic Control Tower at Ornsköldsvik Airport in Sweden is empty. Cameras fitted on a mast (covering 360 degrees) send video data to the Remote Tower Services (RTS) at Sundsvall Airport, more than 150 kilometres away.
- By deploying RTS, one or numerous air traffic control towers can be operated from another location, irrespective of distance. The result is an airport that can meet customer requirements with more flexible "on demand" air traffic services and varying opening hours.
- The system was developed by the Swedish Civil Aviation Administration, in cooperation with Saab. This is the start of a new generation of air traffic control.

### Did You Know... Travel and Tourism

Sweden and Denmark are not only connected through the Oresunds Bridge, but also with the development of the company NUAC HB (Nordic Unified Traffic Control), certified as an ATS provider to operate the three ATCCs in Copenhagen, Malmoe and Stockholm.





# Relationship with WICAO



6 February 1947 - Deposit of instrument of ratification of the Chicago Convention

▼ Blériot monoplane at the Air14 in Payerne





▲ Swiss Airbus over the Matterhorn

# **Facts and Figures**

### Capital

### Official Languages

German, French, Italian, Roma

### Currency

Swiss Franc

### Area

41 128 km<sup>2</sup>

### Population

8.2 million

### **Gross Domestic Product**

USD 701 billion USD 85 594 per capita

### Country Telephone Code

### Air Transport **Statistics**

### International Airports

### **Domestic Airports**

### International Passenger Traffic

47.4 million passengers

### International **Cargo Traffic**

373 410 metric tonnes

#### **National Airlines with International Services**

### Foreign Airlines

# **Preparing for Tomorrow**

- While Zurich, Geneva and Basel are the national airports of Switzerland, the airport of Basel-Mulhouse (Euroairport) is located entirely in France and is the only bi-national airport in the world, based on a 1949 agreement between Switzerland and France.
- One of the many distinctive features of Geneva is that it is home to the European headquarters of the United Nations.
- Switzerland is at the forefront of the latest developments in the areas of Remotely Piloted Aircraft Systems (RPAS) and suborbital flights. By establishing smart, flexible and clear rules, it continues to raise the bar in the field of civil aviation, constantly propelling it to new heights.

### Did You Know... Travel and Tourism

Half of the surface of the country is covered by the majestic Alps. The airport of Samedan, located close to St. Moritz, is the highest in Europe in terms of altitude for wide-body aircraft. In May 1913, Oskar Bider was the first pilot to cross the Alps, a feat he achieved in a Blériot monoplane.



# TAJIKISTAN



# Relationship with



3 September 1993 – Notification of adherence to the Chicago Convention

# State Facts and Figures

### Capital

Dushanbe

### Official Languages

Tajik

### Currency

Somoni

### Area

139 960 km<sup>2</sup>

### Population

8 million

### **Gross Domestic Product**

USD 9.2 billion USD 1114 per capita

### **Country Telephone Code**

992

# AirTransport Statistics

### International Airports

4

### Domestic Airports

29

# International Passenger Traffic

2.3 million passengers

# International Cargo Traffic

5 055 metric tonnes

# National Airlines with International Services

3

### Foreign Airlines

18





### **Preparing for Tomorrow**

Distinguished Guest!

We are glad to welcome you to sunny Tajikistan.

Citizens of 80 countries may apply for a tourist visa to enter Tajikistan upon arrival at our International Airports. Foreign visitors who received a Category "T" visa and stay in the country for no longer than 30 days do not need to register.

We wish you a pleasant stay in Tajikistan!

The Committee of Youth Affairs, Sports and Tourism, under the Government of the Republic of Tajikistan – tourism.tj@mail.ru or www.visittajikistan.tj

### Did You Know... Travel and Tourism

Modern Tajikistan unveils before visitors the majestic beauty of its raw and untouched nature, where the highest mountain peaks of Central Asia reach for the skies and where some of the world's largest glaciers slowly make their way downstream. Sunny Tajikistan, a country where the mystery of the past meets the promise of tomorrow, and where one is assured of an unforgettable travel experience.



# THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA



# Relationship with



10 December 1992 – Notification of adherence to the Chicago Convention

**▼** Skopje Alexander the Great Airport





▲ Church of St. John at Kaneo by the Ohrid Lake

# State Facts and Figures

### Capital

Skopje

### Official Languages

Macedonian

### Currency

Denar

### Area

25 715 km<sup>2</sup>

### **Population**

2.1 million

### **Gross Domestic Product**

USD 11.3 billion USD 5 455 per capita

Country Telephone Code

# Air Transport Statistics

### International Airports

2

### Domestic Airports

0

# International Passenger Traffic

1.6 million passengers

# International Cargo Traffic

2 786 metric tonnes

# National Airlines with International Services

0

### Foreign Airlines

14

# **Preparing for Tomorrow**

- Both international airports have been modernized: Skopje Alexander the Great Airport and Ohrid St. Paul the Apostle Airport.
- International passenger traffic has grown steadily over the past four years – 828 831 in 2012, 980 729 in 2013, 1.3 million in 2014 and 1.5 million in 2015.
- Air services agreements have been signed with 35 States located on five continents.
- The Former Yugoslav Republic of Macedonia is a member of ECAC and EUROCONTROL; it has signed a working arrangement with FASA
- The Former Yugoslav Republic of Macedonia CAA is an observer in DANUBE FAB.

### Did You Know... Travel and Tourism

Lake Ohrid is one of Europe's deepest and oldest lakes, preserving a unique aquatic ecosystem that is of worldwide importance, with more than 200 endemic species. The importance of the lake was further emphasized when it was declared a World Heritage site by UNESCO in 1979 and when, in 2010, NASA decided to name one of Titan's lakes after Lake Ohrid.



# TUNISIA



# Relationship with



18 November 1957 – Notification of adherence to the Chicago Convention

**▼** Djerba





▲ Tunis Carthage Aeroport

### State Facts and Figures

### Capital

**Tunis** 

### Official Languages

Arabic

### Currency

Tunisian Dinar

### Area

163 610 km<sup>2</sup>

### Population

10.9 million

### **Gross Domestic Product**

USD 48.6 billion USD 4230 per capita

### Country Telephone Code

216

### AirTransport Statistics

### International Airports

9

### **Domestic Airports**

N/A

# International Passenger Traffic

10.7 million passengers

#### International Cargo Traffic

18 970 metric tonnes

# National Airlines with International Services

4

### Foreign Airlines

85

### **Preparing for Tomorrow**

- ◆ Jointly with the sector, the Ministry of Tourism and Handicrafts has set up a short-, medium- and a long-term strategy, part of a global vision to restore the image of the destination and the confidence of our partners and customers. Four pillars have been identified:
  - Branding: emphasis is placed on online promotion and supporting events, while continuing traditional PR activities and participation in exhibitions.
  - Training and quality: we have reviewed and refocused all training programmes to better respond to market demands, including for enhanced levels of service. We are working on establishing a 'quality label' in partnership with France and Austria. This label will be launched in 2017.
  - Regionalization of supply: we encourage the development of alternative tourism for the new customer segment motivated by values such as sharing and conviviality, a good fit with our destinations that feature a rich cultural and natural heritage
  - Governance of the sector: we are committed to resolving the debt situation and modernizing the administration.

### Did You Know... Travel and Tourism

In order to reinforce the Tunisian national economy, the Government has implemented a policy to stimulate foreign investment in tourism. It is based on Freedom of investment, Freedom of transfer, Protection of investment, Gratitude and performance of foreign arbitrary sentences, Risk coverage and Protection of property rights.







20 December 1945 – Deposit of instrument of ratification of the Chicago Convention

Beauties of Turkey





▲ New airport in Istanbul

# State Facts and Figures

### Capital

Ankara

### Official Languages

Turkish

### Currency

Turkish Lira

### Area

783 562 km<sup>2</sup>

### Population

78.7 million

### **Gross Domestic Product**

USD 798.4 billion USD 10 515 per capita

### **Country Telephone Code**

90

# Air Transport Statistics

### International Airports

39

### **Domestic Airports**

16

# International Passenger Traffic

83.9 million passengers

# International Cargo Traffic

2.2 million metric tonnes

# National Airlines with International Services

13

### Foreign Airlines

184

### **Preparing for Tomorrow**

- Construction on the third airport for Istanbul, the world's largest with a capacity of 150 million passengers annually, is well under way. The first phase is expected to be operational in early 2018.
- ◆ A new training centre, also located in Istanbul, will provide the civil aviation community with cutting-edge programmes to build and expand human resources capacity for years to come. The project will be finalized by the end of 2017.
- The Turkish Aerospace Industry (TAI) continues to work on the design and production of a new helicopter, in addition to the "Hürkuş" Basic Trainer Aircraft Project, which is in the final phase of the European Air Safety Agency (EASA) type certification process.
- Turkey aims to become a major maintenance, repair and overhaul (MRO) provider in the region. The size of fleets in countries with which Turkey has regional cooperation arrangements is expected to double. This clearly demonstrates the potential of future MRO investments in Turkey.

### Did You Know... Travel and Tourism

Visa applications can be made online in mere minutes, with results coming through within 24 hours. Citizens of 94 countries who wish to visit Turkey for commercial or travel purposes can take advantage of this fast-track process. It all begins with a visit to www.evisa.gov.tr to experience simplest and most straightforward way of obtaining a visa and begin exploring the unique nature of Turkey!



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# TURKMENISTAN\*



# Relationship with



15 March 1993 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

### Capital

Ashgabat

### Official Languages

Turkmen

### Currency

Manat

### Area

469 930 km<sup>2</sup>

### Population

5.2 million

### **Gross Domestic Product**

USD 47.9 billion USD 9 031 per capita

### **Country Telephone Code**

993

# Air Transport Statistics

### International Airports

N/A

### **Domestic Airports**

N/A

# International Passenger Traffic

N/A passengers

### International Cargo Traffic

N/A metric tonnes

# National Airlines with International Services

N/A

### Foreign Airlines

N/A

# **Preparing for Tomorrow**

▼ Turkmenistan's largest cities are Turkmenbashi and Ashgabat. The largest airport is Ashgabat Airport, with regular international flights; scheduled international flights are also available to Turkmenbashi. The principal government-managed airline of Turkmenistan is Turkmenistan Airlines.

## Did You Know... Travel and Tourism

Turkmenistan covers territory that has been at the crossroads of civilizations for centuries. In medieval times Merv (today known as Mary) was one of the great cities of the Islamic world and an important stop on the Silk Road.



# UKRAINE



# Relationship with



10 August 1992 – Notification of adherence to the Chicago Convention

**▼** Odessa





▲ Kamenets-Podolskiy

### State Facts and Figures

### Capital

(yiv

Official Languages

Ukrainian

### Currency

Hryvna

### Area

603 700 km<sup>2</sup>

### **Population**

47.7 million

### **Gross Domestic Product**

USD 131.8 billion USD 3 082 per capita

### **Country Telephone Code**

380

### AirTransport Statistics

### International Airports

16

### **Domestic Airports**

24

# International Passenger Traffic

9.4 million passengers

#### International Cargo Traffic

33 700 metric tonnes

# National Airlines with International Services

9

### Foreign Airlines

35

### **Preparing for Tomorrow**

- In 2015, an "open skies" agreement with the United States was signed to expand international passenger/cargo flights between the U.S. and Ukraine, thereby eliminating government interference in commercial decisions relating to the allocation of air routes, capacity and pricing, while providing more affordable, convenient and efficient air service for consumers.
- This first agreement of its kind demonstrates Ukraine's intention to go hand in hand with airline globalization, allowing air carriers unlimited market access to the partners' markets with maximum operational flexibility.
- Similar agreements are expected to be signed with the EU, China and Canada. The main short-term goals for Ukraine's aviation sector are: improved licensing procedures and harmonization of the national legislation to comply with the EU's new Aviation Safety Programme.
- Ukraine is confident that the expanded ICAO AVSEC programme will safeguard civil aviation against acts of unlawful interference and respond rapidly to meet any increased security threat.

### Did You Know... Travel and Tourism

Long at the crossroads of civilizations, Ukraine has a rich cultural heritage. Scythians, Greeks, Turks, Mongolians and others left traces on the land of the Slavs. A three-hour flight from Europe offers some 500 km of Black Sea beaches, 100 000 m of Carpathian snow slopes, seven UNESCO sites and typical Ukrainian hospitality. And remember... Ukraine is the most affordable destination in Europe!



# **UNITED KINGDOM**



# Relationship with ICAO



1 March 1947 - Deposit of instrument of ratification of the Chicago Convention

▼ St Helena Airport site





▲ Blast Beach on the Durham Coast

# Facts and Figures

### Capital

London

### Official Languages

English

### Currency

Pound Sterling

### Area

242 500 km<sup>2</sup>

### Population

63.7 million

### **Gross Domestic Product**

USD 2.9 trillion USD 45 603 per capita

### **Country Telephone Code**

### **Air Transport Statistics**

### International Airports

### **Domestic Airports**

### International Passenger Traffic

198 million passengers

### International **Cargo Traffic**

2.2 metric tonnes

#### **National Airlines with International Services**

### Foreign Airlines

220

# **Preparing for Tomorrow**

- 2016 saw the beginning of private and medevac operations at the first international airport on the remote island of St Helena. St Helena was named one of the top ten destinations of 2016 by Lonely Planet, and is working towards the commencement of scheduled commercial operations at the airport to help develop tourism.
- The UK's air traffic services continue to increase the traffic handled, with just under 2.2 million flights handled in 2014 and innovative reforms of airspace to maximise capacity while minimizing environmental impacts.
- The UK's Airports Commission has identified options for airport expansion in the London area, delivering more capacity by 2030.

### Did You Know... Travel and Tourism

British travellers have traditionally proven to be guite resilient and they are becoming more adventurous. Almost one in five people (18 per cent ) say they will travel to a country they have never been to before in 2016, compared to 9 per cent who said this last year.



# UZBEKISTAN



# Relationship with



13 October 1992 – Notification of adherence to the Chicago Convention

**▼** Samarkand Registan Place





▲ Samarkand

# State Facts and Figures

### Capital

Tashkent

### Official Languages

Uzbek

### Currency

Uzbekistani Sum

#### Area

447 400 km<sup>2</sup>

### Population

30.5 million

### **Gross Domestic Product**

USD 62.6 billion USD 2037 per capita

### **Country Telephone Code**

998

# Air Transport Statistics

### International Airports

11

### **Domestic Airports**

0

# International Passenger Traffic

2.1 million passengers

#### International Cargo Traffic

40 737 metric tonnes

# National Airlines with International Services

2

### Foreign Airlines

21

# **Preparing for Tomorrow**

- The ancient lands where Uzbekistan is now located were at the crossroads of the legendary Silk Road, a network of trade routes that were central to cultural interaction through regions of the Asian continent connecting the West and East from China to the Mediterranean Sea. It is where various beliefs and religions came into being and evolved in harmony with each other.
- Many of the sights are associated with outstanding personalities of the past, whose holy sinless lives, spiritual virtues and philosophic views were powerful witnesses to their contemporaries and a pattern of selfless devotion and deep faith for the coming generations.
- Today, a large number of pilgrims from all over the world come to Uzbekistan to kneel before its Islamic shrines and be blessed.

### Did You Know... Travel and Tourism

Samarkand was at the heart of the Great Silk Road. It was the capital of the empire built by the great warrior Temur. One of the most famous cities of Uzbekistan, Samarkand was founded some 2 750 years ago and its history is full of remarkable events.

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# **MIDDLE EAST**





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# Member States – 15

- Bahrain
- Egypt
- Iran (Islamic Republic of)
- Iraq
- Jordan
- Kuwait
- Lebanon
- Libya

- Oman
- Qatar
- Saudi Arabia
- Sudan
- Syrian Arab Republic
- United Arab Emirates
- Yemen







20 August 1971 – Notification of adherence to the Chicago Convention

▼ HRH lays stone for airport expansion project





A Bahrain Fort within the World Heritage List

# State Facts and Figures

### Capital

Manama

### Official Languages

Arabic

### Currency

Bahrain Dinar

### Area

765.5 km<sup>2</sup>

### Population

1.2 million

### **Gross Domestic Product**

USD 33.9 billion USD 25 198 per capita

### **Country Telephone Code**

973

# Air Transport Statistics

### International Airports

1

### Domestic Airports

0

# International Passenger Traffic

8.5 million passengers

#### International Cargo Traffic

205 936 metric tonnes

# National Airlines with International Services

1

### Foreign Airlines

39

# **Preparing for Tomorrow**

### Airport Modernization Program

- One of the largest infrastructure projects in the Kingdom is being undertaken by the Ministry of Transportation and Telecommunications to modernize the Bahrain International Airport.
- In 2016, a number of contracts were signed for the Airport Modernization Program (AMP). His Excellency the Minister of Transportation and Telecommunications, Engineer Kamal bin Ahmed Mohammed, said that "The Airport Modernization Program is one of the most important strategic projects for the Kingdom of Bahrain, as the Airport serves all economic sectors and is a gateway for Bahrain to the rest of the world. Once completed, it will increase the Airport's capacity to 14 million passengers annually."
- Five agreements were announced earlier this year at the Bahrain International Airshow 2016. The main contract, worth USD 1.1 billion, was awarded to a joint venture involving Arabtec (UAE) and TAV Construction (Turkey). It covers construction of a new passenger terminal building, the main services building and aircraft bay.
- The project should be completed by 2019.

### Did You Know... Travel and Tourism

#### **Tourism and Culture**

Bahrain is considered a gateway to the Gulf area because of its Arab heritage and reputation for being safe and modern. The ancient civilization of Dilmun, which dominated trade between Mesopotamia and the Indus valley civilization, was centred in Bahrain. Its inhabitants left behind settlements, temples and tens of thousands of burial mounds that dot the landscape. Visit http://culture.gov.bh/en/visitingbahrain/destinations/



# EGYPT



# Relationship with



13 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Temple of Karnak, Luxor





▲ Cairo International Airport

### State Facts and Figures

### Capital

Cairo

### Official Languages

Arabic

### Currency

Egyptian Pound

### Area

995 450 km<sup>2</sup>

### Population

87 million

### **Gross Domestic Product**

USD 286.5 billion USD 3198 per capita

### Country Telephone Code

20

### AirTransport Statistics

### International Airports

7

### **Domestic Airports**

15

# International Passenger Traffic

30.1 million passengers

#### International Cargo Traffic

115 289 metric tonnes

# National Airlines with International Services

13

### Foreign Airlines

86

## **Preparing for Tomorrow**

- Expansion projects are under way at Hurghada, Sharm El-Sheikh, Burj Al Arab and Cairo airports to boost overall capacity, from 54.5 million passengers to 75.5 million in 2020.
- The Egyptian fleet will be increased and support given to the private sector in the competitive low-cost market.
- A new Cargo City project, with a capacity of up to 350 thousand tonnes per year by 2020 and 800 by 2025, will feature electronic shipping systems.
- Improving efficiency of air navigation relies on more flexible and efficient flight paths to reduce distance and time, RNAV and CNS/ATM systems, better civil-military coordination in airspace management, greater information sharing to facilitate operational decision-making, human resources training and ATC automation.
- Egypt heads the climate change committee for Africa, is a member of ICAO's Committee on Aviation Environmental Protection and one of 17 countries of the Environment Advisory Group developing MBMs to address international aviation emissions.

### Did You Know... Travel and Tourism

Egypt is strategically located, linking Northeast Africa with the Middle East. Along the fertile Nile river valley, millennia-old monuments still inspire awe, including the colossal Pyramids and Sphinx at Giza and the hieroglyph-lined Karnak Temple and Valley of the Kings tombs in Luxor. The capital of Cairo is home to Ottoman landmarks such as Muhammad Ali Mosque.



# IRAN (ISLAMIC REPUBLIC OF)



# Relationship with

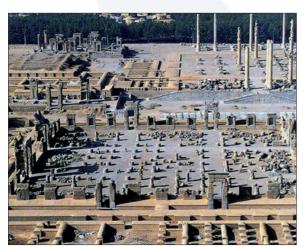


ICAC

19 April 1950 – Deposit of instrument of ratification of the Chicago Convention

▼ Imam Khomeini International Airport





▲ Persepolis, Shiraz

### State Facts and Figures

### Capital

Tehran

### Official Languages

Persian (Farsi)

### Currency

Rial

### Area

1 648 195 km<sup>2</sup>

#### Population

78.14 million (2014 census)

### **Gross Domestic Product**

USD 425.33 billion USD 5 937 per capita

Country Telephone Code

98

# AirTransport Statistics

### International Airports

9

### Domestic Airports

70

# International Passenger Traffic

10.6 million passengers

### International Cargo Traffic

76 600 metric tonnes

# National Airlines with International Services

13

### Foreign Airlines

39

# **Preparing for Tomorrow**

- ▶ Iran implements ICAO SARPS, has safe, secure and eco-friendly aircraft operations, and is prepared to meet the challenges presented by new technologies.
- According to the Vision and Mission of the 6<sup>th</sup> Development Plan, Iran has a comprehensive programme to expand all modes of transport infrastructure, among them civil aviation, to meet the growing demand for domestic and international air travel. The programme comprises the restructuring, deregulating and liberalizing of civil aviation activities, expansion of capacity at airports, modernizing of air navigation and surveillance equipment, and fleet expansion of carriers.
- Concurrently, Iran is paving the way for privatization and the investment of the private sector in airport infrastructure projects.
- Another priority is training of the next generation of aviation professionals, to keep pace with the growing demand for human resources in all sectors of transport.
- Iran cooperates with regional and international bodies to enhance its civil aviation in order to gain a competitive advantage over its rivals.

### Did You Know... Travel and Tourism

All modes of transport are available to anyone wishing to travel and visit the landscape of Iran, which is diverse and features beautiful ancient temples, mosques, fortresses, striking monuments and archaeological treats that attract history and art enthusiasts alike. In any location, visitors can look forward to engaging with warm-hearted locals, who are generous with their hospitality.









ICAC

2 June 1947 – Deposit of instrument of ratification of the Chicago Convention



▲ Iraqi Marshes

# State Facts and Figures

### Capital

Baghdad

### Official Languages

Arabic, Kurdish

### Currency

ID Iraqi Dinar

### Area

438 466 km<sup>2</sup>

### **Population**

35 million

### **Gross Domestic Product**

USD 220.5 billion USD 6 432 per capita

Country Telephone Code

964

# Air Transport Statistics

### International Airports

6

### **Domestic Airports**

N/A

# International Passenger Traffic

4.8 million passengers

# International Cargo Traffic

11 620 metric tonnes

National Airlines with International Services

7

### Foreign Airlines

11

# **Preparing for Tomorrow**

- The Iraqi Ministry of Transport strategy is to increase the number of airports by rehabilitating military installations to civilian operations. Transformation of AL Nasyria airport, formerly Ali military base, is to be completed by 1 October 2016, while AL Kuit Airport, previously known as Abu Obaidah AL Jrah military base, will open to civilian flights by the end of 2016 year. Both facilities are located in the south of Iraq.
- Due to the dramatic increase of religious tourism in Iraq, a new terminal was constructed at Baghdad International Airport and began operations in August 2016. Named Karbala, the building is used by Hajj pilgrims and has a capacity of 500 000 passengers annually.
- One of the largest airports in the Middle East, to be called Mid-Euphrates Airport, is planned for southern Iraq, between the cities of Karbla and Hilla. It will have an initial capacity of six million passengers a year in phase one, increasing to 12 million in phase two and 20 million in the final phase.

### Did You Know... Travel and Tourism

UNESCO included the Marshes of Iraq on its list of World Heritage Sites in July 2016. The ALAHWAR Marshes are located in southern Iraq and cover an area of 20 000 sq. km. It is unique in that it is one of the largest inland bodies of water in the world located in a dry and very hot environment.



# **JORDAN**



# Relationship with



18 March 1947 – Notification of adherence to the Chicago Convention

# State Facts and Figures

### Capital

Amman

### Official Languages

Arabic

### Currency

Jordanian Dinar

### Area

89 318 km<sup>2</sup>

### Population

6.6 million

### **Gross Domestic Product**

USD 35.8 billion USD 4590 per capita

Country Telephone Code

# Air Transport Statistics

### International Airports

3

### **Domestic Airports**

N/A

# International Passenger Traffic

7.3 million passengers

### International Cargo Traffic

97 000 metric tonnes

# National Airlines with International Services

5

### Foreign Airlines

36



### **Preparing for Tomorrow**

- Jordan's long-term strategic plan for civil aviation is based on ICAO Strategic Objectives.
- Civil Aviation Law 41 is the cornerstone for restructuring Jordanian air transport.
- The Civil Aviation Regulatory Commission operates more independently by separating the regulator from operators.
- Airports International Group Ltd AIG, modernizes facilities and plans to increase its annual capacity to 12 million passengers in the near future.

## Did You Know... Travel and Tourism

Petra City is more than 2 000 years old and one of the New Seven Wonders of the World. The Dead Sea in Jordan is the lowest point on earth, at 1 300 feet below sea level.



# KUWAIT



# Relationship with



18 May 1960 - Notification of adherence to the Chicago Convention

▼ Airport





Kuwait by night

# **Facts and Figures**

### Capital

**Kuwait City** 

### Official Languages

Arabic

### Currency

Kuwaiti Dinar (KWD)

### Area

17 820 km<sup>2</sup>

### Population

4 million

### **Gross Domestic Product**

USD 163.6 billion USD 43 593 per capita

**Country Telephone Code** 

### Air Transport **Statistics**

### International Airports

### **Domestic Airports**

### International Passenger Traffic

11.2 million passengers

#### International **Cargo Traffic**

186 059 metric tonnes

#### **National Airlines with International Services**

### Foreign Airlines

### **Preparing for Tomorrow**

- Since the implementation of the "open skies" Policy in 2006, traffic has grown to more than 11 million passengers in 2015, generating both economic growth for the air transport sector and greater interest on the part of international airlines to begin or increase services to Kuwait.
- To accommodate the forecasted 10 per cent annual growth in traffic, a new passenger terminal (T2) at Kuwait International Airport will be constructed over the next seven years. Initially, T2 will accommodate 13 million passengers, with a potential of up to 25 million; it will be designed to meet the 'Gold' level of LEED certification. A Passenger Support Terminal, based on the "fast style" building concept, is due to be completed in 2017.
- In addition to T2 and the Passenger Support Terminal, Kuwait will build a new runway and upgrade the two existing ones. The construction of a new, state-of-the-art control tower will improve visibility over the three runways.

### Did You Know... Travel and Tourism

- Passenger movement: 11 163 279
- Aircraft movement: 102 160
- Net sales of tickets (USD): 1 236 863 534
- Destinations: 80
- Number of tickets sold: 2861872
- Number of travel agents in Kuwait: 420



# LEBANON



# Relationship with ICAO



19 September 1949 - Deposit of instrument of ratification of the Chicago Convention

▼ Sky view of Beirut Rafic Hariri Intl Airport





A Rafic Intl Hariri Airport - sea and sky

# **Facts and Figures**

### Capital

**Beirut** 

### Official Languages

Arabic

### Currency

Lebanese Pound

### Area

10 452 km<sup>2</sup>

### **Population**

4.4 million

### **Gross Domestic Product**

USD 45.7 billion USD 10 057 per capita

**Country Telephone Code** 

### Air Transport **Statistics**

### International Airports

### **Domestic Airports**

### International Passenger Traffic

7.2 million passengers

### International Cargo Traffic

91 300 metric tonnes

### **National Airlines with** International Services

### Foreign Airlines

### **Preparing for Tomorrow**

- Rafic Hariri International Airport, in Beirut, is Lebanon's only international gateway. In 2015, air traffic at the airport rose steadily to reach more than 7.3 million passengers, exceeding the airport's capacity of six million passengers.
- With the status of Lebanon as a tourist destination, an expansion of the airport became critical. A plan is currently under study that will increase the capacity of the airport and provide for the development of new services. The expansion will include a new terminal and a new remote parking for about 20 gates. Once construction on the new facilities has been completed, the airport will be able to handle 12 million passengers annually.

### Did You Know... Travel and Tourism

Lebanon's diverse patchwork of Mediterranean-lapped coast, rugged alpine peaks, and green valleys is packed into a parcel of land some 225 km long and 46 km. The cosmopolitan flair of modern Beirut, the gastronomic renown of the country's food and wine, and an educated population complement a country that is both traditional and progressive in outlook. It's a tourist secret that begs exploration.







29 January 1953 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Tripoli

#### Official Languages

Arabic

#### Currency

Libyan Dinar

#### Area

1 665 000 km<sup>2</sup>

#### **Population**

6.2 million

#### **Gross Domestic Product**

USD 41.1 billion USD 6573 per capita

Country Telephone Code

218

# Air Transport Statistics

#### International Airports

9

#### **Domestic Airports**

15

# International Passenger Traffic

2.7 million passengers

# International Cargo Traffic

A/k

#### National Airlines with International Services

5

#### Foreign Airlines

N/A

### **Preparing for Tomorrow**

- Libya is planning to become a main commercial hub linking Europe and Africa, as well as East and West. This vision rests primarily on the country's excellent location facing Europe, a 2 000 km coastline on the Mediterranean Sea, and the largest portion of the Great Sahara with 1 666 500 km² within its borders.
- Accordingly, Libya intends to rebuild its main airports throughout the country.
- Concerning tourism, the plan will include major efforts in various sectors such as advertising and marketing, hotel accommodation and tourist amenities, leisure centres, superior quality standards and, of course, preservation and protection of natural and archaeological riches from plundering and vandalism.
- All of this will involve a massive amount of work in the promotion of national and foreign investments, strengthening and development of basic infrastructure, solidifying the banking system, education and training, road and ground transportation, and most important, addressing the critical safety and security issues created by the political context.

### Did You Know... Travel and Tourism

An emerging sand, sun and sea destination of the future, Libya is truly blessed with archaeological marvels, including the least spoiled beaches in the Mediterranean world, massive sand dunes and beautiful oases, palm-fringed kaleidoscopic lakes, well-preserved prehistoric archaeological sites, and remains of unseen prehistoric civilizations predating the Egyptian culture by thousands of years.



# OMAN



# Relationship with



24 January 1973 – Notification of adherence to the Chicago Convention

▼ Artist rendering of the new Muscat Airport





▲ Turtle watching on Oman's coast

# State Facts and Figures

#### Capital

Muscat

#### Official Languages

Arabic

#### Currency

Omani Rial

#### Area

309 500 km<sup>2</sup>

#### Population

4 million

#### **Gross Domestic Product**

USD 81.8 billion USD 20 450 per capita

#### Country Telephone Code

968

### AirTransport Statistics

#### International Airports

2

#### **Domestic Airports**

3

# International Passenger Traffic

9.4 million passengers

#### International Cargo Traffic

133 060 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

30

### **Preparing for Tomorrow**

- Oman's Airport Development Project will assist Oman in becoming a major Middle East commercial, tourist and transfer hub.
- Significant airport improvements include new boarding-bridge passenger terminals, new air traffic control towers and 4 000 meter runways for the international airports of Muscat and Salalah which can accommodate the largest of aircraft such as the Airbus 380.
- Muscat will also be expanded to handle up to 48 million passengers a year and provide for simultaneous aircraft operations on a new second parallel runway. A state-of-the-art air traffic management system has also been installed for the Muscat Flight Information Region, utilizing safety technology tools for the safe and efficient movement of aircraft.
- In addition, infrastructure improvements have been made at Oman's three domestic airports of Sohar, Duqm and Ras Al Hadd, making for easier tourist and business access.
- Through the Public Authority for Civil Aviation, Oman will continue its proactive role in the global aviation community.

### Did You Know... Travel and Tourism

Beauty has an address... Oman. Unlike the urban areas of the Gulf, Oman touts the quiet grandeur of its mountains, deserts and beaches offering a memorable experience for trekkers, whale and turtle watchers, and celebrates its cool "khareef" season in the southern part of the country. Oman also has several UNESCO World Heritage sites for those who wish to explore Oman's 2 000-year-old past.







5 September 1971 – Notification of adherence to the Chicago Convention

▼ Hamad International Airport beauty shot





▲ Sky is the limit

# State Facts and Figures

#### Capital

Doha

#### Official Languages

Arabic

#### Currency

Qatari Riyal

#### Area

11 610 km<sup>2</sup>

#### Population

2.5 million

#### **Gross Domestic Product**

USD 210 billion USD 96 732 per capita

#### Country Telephone Code

974

# Air Transport Statistics

#### International Airports

1

#### Domestic Airports

0

# International Passenger Traffic

31 million passengers

#### International Cargo Traffic

1.45 million metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

36

### **Preparing for Tomorrow**

- Up to eight countries are expected to sign air service agreements with Qatar in 2016. This will enhance connectivity and support the growth of Qatar Airways, one of the world's fastest-growing airlines, particularly in developing long-haul routes.
- Qatar has sharpened its focus on hospitality and tourism in recent years, setting itself a target of seven million visitors annually by 2030. By then, tourism receipts are expected to reach USD 17.8 billion, supported by investments of up to USD 45 billion under the 2030 National Tourism Sector Strategy.

### Did You Know... Travel and Tourism

Hamad International Airport welcomed over 31 million passengers in 2015, a year-over-year growth rate of more than 17 per cent. The average annual growth rate for tourist arrivals into Qatar reached 11.5 per cent from 2010-2015, with a total number of almost 3 million in 2015.



# SAUDI ARABIA



# Relationship with ICAO



19 February 1962 – Notification of adherence to the Chicago Convention



# **Facts and Figures**

#### Capital

Riyadh

#### Official Languages

Arabic

#### Currency

Riyal

#### Area

2 150 000 km<sup>2</sup>

#### Population

30 million

#### **Gross Domestic Product**

USD 753.8 billion USD 25 409 per capita

#### **Country Telephone Code**

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

#### International Passenger Traffic

62.7 million passengers

#### International **Cargo Traffic**

1 million metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

### **Preparing for Tomorrow**

- According to the World Bank, more than 18 million tourists visited Saudi Arabia in 2014, making it the 15<sup>th</sup> most visited country.
- 🔾 In its Reform Plan, Saudi Arabia sets an ambitious tourism target of 30 million tourists a year by 2030.
- Saudi Arabia is investing more than USD 15 billion on its airport infrastructure to accommodate the growing number of air travellers in the Middle East Region. A sum of USD 4.8 billion is dedicated to the building of additional terminals at Jeddah's King Abdul Aziz Airport.
- Plans for the privatization of Saudi Arabia's airports and aviation services are advancing, with the State aiming for full private sector ownership by 2020.
- The move forms part of the Government's efforts to increase productivity and efficiency within the aviation industry and, more broadly, diversify its income streams while reducing State expenditures. This is also part of the 2030 Reform Plan to increase the role of the private sector and attract more talents, visitors and investments.

### Did You Know... Travel and Tourism

There are pre-organized programmes for Umrah performers who would like to visit touristic sites in KSA after completing their religious rites. The Saudi National Initiative "Leave No Trace" has been adapted by the Saudi Commission for Tourism and National Heritage for developing eco-tourism, to conserve the environment and increase the attractiveness of national areas.







29 June 1956 – Notification of adherence to the Chicago Convention

▼ Air Navigation Centre, Khartoum, Sudan





▲ Beautiful hieroglyphic carvings in North Khartoum, Sudan

# State Facts and Figures

#### Capital

Khartoum

#### Official Languages

Arabic and English

#### Currency

Sudanese Pound

#### Area

1 882 000 km<sup>2</sup>

#### Population

38.4 million

#### **Gross Domestic Product**

USD 73.8 billion USD 1875 per capita

Country Telephone Code

249

# AirTransport Statistics

#### International Airports

4

#### Domestic Airports

9

#### International Passenger Traffic

2.7 million passengers

#### International Cargo Traffic

33 902 metric tonnes

# National Airlines with International Services

5

#### Foreign Airlines

21

### **Preparing for Tomorrow**

- Sudan has been recognized by ICAO for resolving, within a remarkably short period of time, its only Significant Safety Concern (identified in December 2011 and satisfactorily resolved by April 2012), thereby confirming Sudan as one of the few States in Africa that have met their safety oversight obligations.
- Sudan is currently building a new and modern airport The New Khartoum International Airport - expected to be completed in 2017.
- Considerable growth in air transport and the civil aviation industry, fuelled by the "open skies" policy adopted by the Government, is encouraging the participation of new players in the sector.
- Complete separation of the regulatory functions of the Sudan Civil Aviation Authority from the provision of aviation services was achieved in October 2012.
- Significant investments made in enhancing air navigation services, with the objective of providing full radar coverage throughout the Khartoum FIR.

### Did You Know... Travel and Tourism

Sudan is considered one of the few countries that enjoy a wide variety of tourism resources. Among them is an ancient heritage of civilizations and antiquities. Sudan is also one of the few States in Africa that is rich in wildlife and birds. The Red Sea coast of Sudan, stretching over some 700 kilometres, offers a non-contaminated environment ideally suited to various water sports.



# \* \* SYRIAN ARAB REPUBLIC



# Relationship with WICAO



21 December 1949 - Deposit of instrument of ratification of the Chicago Convention

#### St. Takla Monastery





▲ Damascus Airport

# **Facts and Figures**

#### Capital

Damascus

#### Official Languages

Arabic

#### Currency

Syrian Pound

#### Area

183 630 km<sup>2</sup>

#### **Population**

22.2 million

#### **Gross Domestic Product**

USD 46.5 billion USD 2126 per capita

#### **Country Telephone Code**

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

#### International **Passenger Traffic**

537 628 passengers

#### International **Cargo Traffic**

1836 metric tonnes

#### **National Airlines with International Services**

N/A

#### Foreign Airlines

N/A

### **Preparing for Tomorrow**

- Syria "The Treasure of the East" is a natural open-air museum. It is the land of "the best" tourist, historical and cultural attractions, and very rich religious Islamic and Christian sanctities:
- Maloola" is a village whose history dates back to the 10th century BC and is known to be the only remaining city where "Syriac", the language of Christ, is spoken.
- Medical tourism is another reason to visit Syria. Its natural mineral springs and sulfur geysers are recognized for their natural health benefits.
- Syrian Air traffic is the measure to reach your purpose:

All services are provided by the Syrian Civil Aviation Authority through its international airports.

Facilities are available with Syrian National Airlines.

Historical career certified that Syrian space is still free from any incident.

### Did You Know... Travel and Tourism

Damascus is the oldest continuously inhabited capital city on earth. It is known as "The city of Jasmine" a flower that can be seen in the yard of every house in the old city.

Syria is proud to have given the first alphabet to the world, "Ugarit" alphabet", back in 1500 BC.

Syria gave the world in the 4th Century BC, the first complete piece of music: "The Chant of Worship, in the 4th century BC.



# UNITED ARAB EMIRATES



# Relationship with



25 April 1972 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Abu Dhabi

#### Official Languages

Arabic

#### Currency

U.A.E. Dirham

#### Area

83 600 km<sup>2</sup>

#### Population

9.3 million

#### **Gross Domestic Product**

USD 399.5 billion USD 43 962 per capita

#### Country Telephone Code

971

# Air Transport Statistics

#### International Airports

7

#### **Domestic Airports**

5

# International Passenger Traffic

114 million passengers

#### International Cargo Traffic

A/k

#### National Airlines with International Services

4

#### Foreign Airlines

145

## **Preparing for Tomorrow**

#### **Building The Future of Aviation Together**

- The UAE understands the need to consistently work with the international civil aviation community to: develop suitable and internationally acceptable security processes and procedures; balance economic growth with measures to minimize the impact of air transport on the environment; remain in the forefront of international cooperation relating to aviation safety through active participation in ICAO committees and panels; strive to maintain ongoing development in terms of bilateral, multilateral and 'open skies' agreements; and, strive for the modernization of air navigation services.
- Together with ICAO and its Member States, the UAE has been fortunate to be in a position to create one of the most modern and effective civil aviation infrastructures.
- The UAE's seat on the Council of ICAO constitutes an unprecedented opportunity to further foster regional and international partnerships.

### Did You Know... Travel and Tourism

The UAE is a holidaymaker's paradise. With pristine beaches, cool blue waters and a gleaming skyline, it is quickly adopted as a favourite destination by vacationers from around the world. Along with palm-laden hotels, shiny yachts and colossal malls that make the most dedicated shopper wide-eyed, new attractions are opening all over, drawing an ever-growing and diverse category of travellers.



# YEMEN\*



# Relationship with



17 April 1964 – Notification of adherence to the Chicago Convention



 As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

Sana'a

#### Official Languages

Arabic

#### Currency

Rial

#### Area

527 829 km<sup>2</sup>

#### Population

23.8 million

#### **Gross Domestic Product**

USD 31.9 billion USD 1341 per capita

Country Telephone Code

967

# Air Transport Statistics

#### International Airports

8

#### Domestic Airports

N/A

# International Passenger Traffic

2.7 million passengers

#### International Cargo Traffic

19 330 metric tonnes

National Airlines with International Services

2

#### Foreign Airlines

12

### **Preparing for Tomorrow**

- Concluded bilateral air services agreements with 70 countries worldwide.
- Currently holds the Chairmanship of the Executive Council of the Arab Civil Aviation Commission (ACAC) for the period 2014-2016.
- Yemenia is a member of the Arab Air Carriers Organization. The national airline operates scheduled domestic and international passenger flights to destinations in Africa and the Middle East, as well as to Asia and Europe, out of Sana'a International Airport and, to a lesser extent, Aden International Airport.

### Did You Know... Travel and Tourism

Yemen is part of Biblical tales and legends, known as the "Fairy tale Arabia". Homeland of the Queen of Sheba, Noah knew it as "the land of milk and honey". The old city of Sana'a and Shibam, with mud brick houses and bustling alleyways, is enchanting.

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# ICAO NORTH AMERICA, CENTRAL AMERICA AND CARIBBEAN







# NORTH AMERICA CENTRAL AMERICA AND CARIBBEAN





**Mr Melvin Cintron** 

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# Member States - 21

- Antigua and Barbuda
- Bahamas
- Barbados
- Belize
- Canada
- Costa Rica
- Cuba
- Dominican Republic
- El Salvador
- Grenada
- Guatemala

- Haiti
- Honduras
- Jamaica
- Mexico
- Nicaragua
- Saint Kitts and Nevis
- Saint Lucia
- Saint Vincent and the Grenadines
- Trinidad and Tobago
- United States



# ANTIGUA AND BARBUDA



# Relationship with



10 November 1981 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Saint John's

#### Official Languages

English

#### Currency

East Caribbean Dollar

#### Area

440 km<sup>2</sup>

#### Population

89 069

#### **Gross Domestic Product**

USD 1.2 billion USD 13 017 per capita

#### **Country Telephone Code**

268

# AirTransport Statistics

#### International Airports

1

#### Domestic Airports

2

# International Passenger Traffic

900 000 passengers

# International Cargo Traffic

A/N

# National Airlines with International Services

1

#### Foreign Airlines

17

### **Preparing for Tomorrow**

- The new V.C. Bird International Airport Terminal Building, built at a cost of USD 100 million, opened on 20 August 2015, doubling the capacity of the adjacent, terminal. The ultra-modern facility houses new security screening systems, four jet bridges, 13 boarding gates, a First Class departure lounge that can accommodate up to 1 200 passengers, and several VIP Lounges, along with 46 check-in counters and 15 self-check kiosks. Free wi-fi and Internet services are available, while travelers with pets can take advantage of the airport's "pet restroom". The Airport will also be equipped with up-to-date passenger processing and monitoring facilities, flight information display systems and genuine duty-free shopping units.
- Among the foreign carriers operating out of V.C. Bird International Airport are American Airlines, United Airlines, JetBlue Airways and Delta Airways. Others include Air Canada and WestJet Airlines from Canada, British Airways and Virgin Atlantic form the UK, as well as Thomas Cook, Italy's Alitalia and Condor From Germany.

### Did You Know... Travel and Tourism

With 365 beaches, Antigua is known for having a beach for every day of the year. Barbuda beaches have pink coloured sand. All beaches in Antigua and Barbuda are open to the public. Some are easily accessible, while others are located in more intriguing and challenging spots. Nevevertheless, all contribute to a dream vacation in a wonderful part of the world!



# BAHAMAS



# Relationship with



27 May 1975 – Notification of adherence to the Chicago Convention

▼ Dean's Blue Hole, Long Island





▲ State-of-the art terminal radar app. control

# State Facts and Figures

#### Capital

Nassau

#### Official Languages

English

#### Currency

Bahamian Dollar

#### Area

10 010 km<sup>2</sup>

#### Population

371 960

#### **Gross Domestic Product**

USD 8.5 billion USD 22 217 per capita

#### **Country Telephone Code**

1-242

### AirTransport Statistics

#### International Airports

2

#### Domestic Airports

29

# International Passenger Traffic

1.3 million passengers

# International Cargo Traffic

A/N

# National Airlines with International Services

1

#### Foreign Airlines

18

### **Preparing for Tomorrow**

- The Bahamas Department of Civil Aviation is close to fulfilling its commitment of a Civil Aviation Authority (CAA) based on the separation of all service provider and operations entities (aerodromes) and agencies, all the while focused on meeting ICAO Standards and Recommended Practices.
- The new CAA will include an independent aircraft investigation bureau and an independent aircraft licensing section, an Air Navigation Services section with oversight capabilities for air traffic services, and an Aerodromes and Ground Aids Inspectorate section for certification and oversight of all aerodromes.
- In 2015, The Bahamas procured a new Terminal Radar Approach Control Centre (Tracon), complete with a state-of-the-art ASR-12 radar system, for Lynden Pindling International Airport, the main gateway to The Bahamas and fourth busiest airport in the Caribbean
- In addition, the refurbishment and upgrade of Family Island Airports is with the goal of further improving the safety and efficiency of the air transport system.

### Did You Know... Travel and Tourism

The largest island of The Bahamas, Andros, boasts the third largest barrier reef in the world. A new and improved interactive Tourism Today website (www.tourismtoday.com) was launched, featuring videos, upcoming events, statistical data, the latest tourism news, and much more to make every visit a most enjoyable and fulfilling one.



# BARBADOS



# Relationship with



21 March 1967 – Notification of adherence to the Chicago Convention

**▼** Bathsheba Beach





▲ Parliament Building

# State Facts and Figures

#### Capital

Bridgetown

#### Official Languages

English

#### Currency

Barbados Dollar

#### Area

432 km<sup>2</sup>

#### Population

283 221

#### **Gross Domestic Product**

USD 4.4 billion USD 15 366 per capita

#### **Country Telephone Code**

246

# AirTransport Statistics

#### International Airports

1

#### Domestic Airports

0

# International Passenger Traffic

2 million passengers

# International Cargo Traffic

16 000 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

23

### **Preparing for Tomorrow**

Charting the future air travel: Above & Beyond

Barbados is committed to ensuring that the aviation industry supports a safe, secure and sustainable air transport tourism sector. To this end, the industry has adopted several key initiatives, including:

- Recognizing the importance of our international airport to the economy
- Focusing on better utilization of the national airspace system through the implementation of Performance Based Navigation
- Promoting tourism and travel
- Revitalizing the air transport industry in Barbados

Globally recognized as a tourist destination, Barbados has embraced and built upon the advantages of its greatest asset. It is an industry that encourages global commerce and tourism, and its ideal geographic location allows several airlines to access our international airport within an eight-hour flying time.

Overall, Barbados has established a comprehensive air transportation system, one that has contributed significantly over the years to the social and economic development of the country.

### Did You Know... Travel and Tourism

Barbados was the only vacation destination in this hemisphere with scheduled Concorde service. One of the retired British Airways Concordes now resides at our international airport.



# BELIZE



# Relationship with



7 December 1990 – Notification of adherence to the Chicago Convention

▼ Cerroz Mayan Ruins





### State Facts and Figures

#### Capital

Belmopan City

#### Official Languages

English

#### Currency

Belize Dollar

#### Area

22 810 km<sup>2</sup>

#### Population

359 000

#### **Gross Domestic Product**

USD 1.7 Billion USD 4831 per capita

#### **Country Telephone Code**

501

# AirTransport Statistics

#### International Airports

1

#### Domestic Airports

14

# International Passenger Traffic

592 955 passengers

# International Cargo Traffic

948 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

6

### **Preparing for Tomorrow**

- In Belize, aviation has been increasing exponentially, with a six per cent annual growth in passenger traffic.
- The Belize Department of Civil Aviation (BDCA) has been in a constant proactive dialogue with industry stakeholders to ensure that the country is well prepared for tomorrow.
- The Ministry is also undertaking various projects directly related to tourism, such as the Sustainable Tourism Project and the Belize City Downtown Rejuvenation Project.
- Recently completed projects include "Making Tourism Benefit Communities Adjacent to Archaeological Sites all over Belize".
- Negotiations are underway for the construction of another international airport to cope with growing demand. In addition, the BDCA continues to negotiate with other Member States concerning the signing of air transport agreements.
- The BDCA's overall objective is to ensure that our aviation system continues to be safer, more secure and more efficient, thus enabling it to keep growing in a sustainable manner by diligently implementing ICAO SARPs.

### Did You Know... Travel and Tourism

Off the coast of Belize is located the second largest barrier reef in the world, the first being the Great Australian Barrier Reef. Known as the Belize Barrier Reef, it has 200 separate subtropical islands of unsurpassed natural beauty. The reef is home to more than 400 species of subtropical fish. It is a perfect haven for diving and snorkelling.

# North America, Central America and Caribbean



# CANADA



# Relationship with



13 February 1946 – Deposit of instrument of ratification of the Chicago Convention



# State Facts and Figures

#### Capital

**Ottawa** 

#### Official Languages

English, French

#### Currency

Canadian Dollar

#### Area

9 984 670 km<sup>2</sup>

#### Population

34.8 million

#### **Gross Domestic Product**

USD 1.8 trillion USD 50 271 per capita

#### **Country Telephone Code**

1

### AirTransport Statistics

#### International Airports

25

#### **Domestic Airports**

314

# International Passenger Traffic

52.6 million passengers

# International Cargo Traffic

654 400 metric tonnes

# National Airlines with International Services

45

#### Foreign Airlines

137

### **Preparing for Tomorrow**

- Montreal has proudly hosted ICAO since its foundation. In 2013, ICAO and Canada signed a new Supplementary Headquarters Agreement that will be in effect until 2036.
- With over 35 000 civil aircraft and 60 000 licensed pilots, Canada has the second largest civil aircraft fleet and pilot population in the world.
- Under its November 2006 Blue Sky Policy, Canada has concluded new or expanded air transport agreements with more than 80 countries.
- The Canadian aerospace industry ranks third globally in terms of civil aircraft production activity. It is responsible for 172 000 jobs and reached \$25.1 billion in direct revenue in 2013.
- Montreal has the second largest density of aerospace jobs in the world and is the largest aerospace centre in Canada, with 70 per cent of Canada's aviation R&D, 55 per cent of sales and 50 per cent of the workforce.
- ◆ The Greater Montreal area hosts 10 international aerospace organizations, including the International Air Transport Association (IATA), Airports Council International (ACI) and the International Federation of Airline Pilots' Associations (IFALPA).

### Did You Know... Travel and Tourism

Air transportation services, both passenger and cargo, are vital to the livelihood of Canadians in remote regions, particularly during the period of the year when winter roads are not available.



# COSTA RICA



# Relationship with



1 May 1958 – Deposit of instrument of ratification of the Chicago Convention

# Q.M.D.



# State Facts and Figures

#### Capital

San Jose

#### Official Languages

Spanish

#### Currency

Colón

#### Area

51 060 km<sup>2</sup>

#### Population

4.8 million

#### **Gross Domestic Product**

USD 49.6 billion USD 10 415 per capita

#### **Country Telephone Code**

506

# Air Transport Statistics

#### International Airports

4

#### Domestic Airports

31

# International Passenger Traffic

2.2 million passengers

#### International Cargo Traffic

83 960 metric tonnes

# National Airlines with International Services

3

#### Foreign Airlines

21

### **Preparing for Tomorrow**

- Costa Rica is undertaking aeronautical studies to assess the level of investment required for the development of a network of international and local airports to support long-term traffic growth projections, through direct connections to Costa Rica as a final destination from anywhere in the world.
- Also in response to the growth of tourism in Costa Rica, an investment plan doubles the movement areas at major airports, while increasing the surface area of terminal buildings, certification of airports and the development of Performance Based Navigation as a primary measure.
- With respect to Juan Santamaria International Airport, priority is given to improving airport facilities so as to ensure better customer service.

### Did You Know... Travel and Tourism

Costa Rica is a country committed to the protection of its natural and cultural riches that together offer visitors a great experience. In fact, its natural resources represent five per cent of the planet's biodiversity. The territory is divided into 28 natural parks, eight biological reserves, 71 wildlife refuges and 31 protected zones, among others.







11 May 1949 – Deposit of instrument of ratification of the Chicago Convention

▼ Cuban civil aviation infrastructure





▲ Tourist attractions in Cuba

# State Facts and Figures

#### Capital

Havana

#### Official Languages

Spanish

#### Currency

Cuban Peso

#### Area

109 884 km<sup>2</sup>

#### Population

11.3 million

#### **Gross Domestic Product**

N/A

#### **Country Telephone Code**

53

# Air Transport Statistics

#### International Airports

10

#### **Domestic Airports**

11

# International Passenger Traffic

7.7 million passengers

# International Cargo Traffic

20 786 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

63

### **Preparing for Tomorrow**

- With the restoration of relations with the United States as of 17 December 2014, Cuba has become the focus of a growing number of visitors who want to experience the charms of the country.
- Accordingly, the Cuban government has undertaken to improve its transportation systems, particularly at ports and airports, in order to provide tourists and business travellers with the quality and variety of services they deserve.
- Special attention will be given to air transport as a rapid and secure access to the country, with development strategies based on the implementation of international standards and customer satisfaction.

### Did You Know... Travel and Tourism

Cuba is an ideal destination for tourists wanting to enjoy beautiful beaches, sunny skies, unique historical and cultural attractions, and a typical city life not found in other parts of the Caribbean. With the updating of the Cuban economic model, foreign investment has spurred interest in such sectors as energy, finance, hotel and civil aviation, among others.



# DOMINICAN REPUBLIC



# Relationship with



25 January 1946 – Deposit of instrument of ratification of the Chicago Convention

▼ Dominican Republic has it all.





▲ Santo Domingo Area/Approach Control Center

# State Facts and Figures

#### Capital

Santo Domingo

#### Official Languages

Spanish

#### Currency

Dominican Peso

#### Area

48 445 km<sup>2</sup>

#### Population

10.3 million

#### **Gross Domestic Product**

USD 64.1 billion USD 5 442 per capita

#### Country Telephone Code

1-809, 1-829, 1-849

# Air Transport Statistics

#### International Airports

8

#### Domestic Airports

5

# International Passenger Traffic

6.2 million passengers

#### International Cargo Traffic

270 000 metric tonnes

# National Airlines with International Services

9

#### Foreign Airlines

48

### **Preparing for Tomorrow**

- The main priority of the Dominican Republic is to maintain the safe and sustainable development of its air transport system and to increase the number of air operations some 40 per cent by 2020. To facilitate continued growth while constantly improving safety levels, the Civil Aviation Authority is implementing a strategic plan comprised of four pillars:
  - 1. Enhanced safety oversight
    - Certification of international airports and Ground Handling Services Providers
    - Implementation of the State Safety Plan
    - Legal protection for sharing safety related information
  - 2. Continuous expansion of the air navigation system.
    - PBN, ATFM and CDM implementation and ATS Inter-facility Data Communication (AIDC)
    - Integrated safety management system for the ANSP
  - 3. Support NGAP initiatives through Academia Superior de Ciencias Aeronauticas (ASCA) as an ICAO Regional Training Centre of Excellence, providing key personnel for aviation development
  - 4. IDAC Institutional consolidation with ISO 9001:2015 recertification

### Did You Know... Travel and Tourism

The Dominican Republic is one of the most visited of the Caribbean destinations. Though known for its pristine beaches, all-inclusive resorts and golfing, it has a varied terrain comprising rainforest, savannah and highlands, and such destinations as Punta Cana. With Spanish colonial history, merengue as its official music and its warm and hospitable people, it is a country like no other.



# EL SALVADOR



# Relationship with



11 June 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Volcán de Santa Ana y Lago de Coatepeque





Aeropuerto Monseñor Óscar Arnulfo Romero y Galdámez

# State Facts and Figures

#### Capital

San Salvador

#### Official Languages

Spanish

#### Currency

Colón/U.S. Dollar

#### Area

21 041 km<sup>2</sup>

#### Population

6.4 million

#### **Gross Domestic Product**

USD 25.2 billion USD 4120 per capita

#### **Country Telephone Code**

503

### AirTransport Statistics

#### International Airports

2

#### Domestic Airports

15

# International Passenger Traffic

1.7 million passengers

#### International Cargo Traffic

26 600 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

13

### **Preparing for Tomorrow**

- The Salvadorian Civil Aviation Authority (CAA) contributes to economic progress by encouraging the development of civil aviation, through the implementation of national and international standards. This ensures safety and security, and is made possible due to a committed and experienced team, focused on customer service and continuous improvement.
- The CAA has, as one of its goals, for El Salvador to be the Regional Training Centre by 2019, thereby enhancing the status of the country as one of the most important aeronautical clusters in Latin America.
- At the same time, the Government is focusing its efforts on turning two local airports into international facilities, providing El Salvador with additional employment opportunities, growth in the tourism industry and territorial development.
- El Salvador has one of the biggest Maintenance, Repair, and Overhaul (MRO) facilities in Latin America. It is constantly growing and demonstrating that the quality of its services makes it a first class repair centre.

### Did You Know... Travel and Tourism

El Salvador has some of the most beautiful surf beaches and fishing spots in the world. There are many more fabulous attractions, including its legendary coffee that can be savoured either in cosy downtown San Salvador or spectacular mountain retreats.



# GRENADA\*



# Relationship with



31 August 1981 – Notification of adherence to the Chicago Convention



\* As this publication went to press, updated information from the State had not yet reached the Publisher. Material from the previous edition of ICAO STATES TODAY was used instead.

# State Facts and Figures

#### Capital

St. George's

#### Official Languages

English

#### Currency

East Caribbean Dollar

#### Area

344 km<sup>2</sup>

#### **Population**

108 580

#### **Gross Domestic Product**

USD 882.2 million USD 8 299 per capita

Country Telephone Code

473

### AirTransport Statistics

#### International Airports

1

#### **Domestic Airports**

N/A

# International Passenger Traffic

301 650 passengers

# International Cargo Traffic

2 220 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

11

### **Preparing for Tomorrow**

- Grenada re-branded the destination in 2014 as "Pure Grenada the Spice of the Caribbean" – highlighting its natural beauty, pristine ambiance, wholesome foods, friendly people and a feeling of safety and security.
- Grenada's Immigration and Passport Department was the recipient of the 2012 United Nations Public Service Award for "improving the Delivery of Public Service" in the Latin America and Caribbean Region.
- The Maurice Bishop International Airport opened its first fixed based operation/jet centre facility in 2014, catering to general aviation and first class/premium passengers.

### Did You Know... Travel and Tourism

Grenada is known as "The Isle of Spice" for the wide variety of spices that abound throughout the island. It was the world's second largest producer of nutmeg before Hurricane Ivan destroyed 90 per cent of the nutmeg trees in 2004.



# GUATEMALA



# Relationship with ICAO



28 April 1947 - Deposit of instrument of ratification of the Chicago Convention



# **Facts and Figures**

#### Capital

**Guatemala City** 

#### Official Languages

Spanish

#### Currency

Quetzal

#### Area

108 889 km<sup>2</sup>

#### Population

15.8 million

#### **Gross Domestic Product**

USD 58.7 billion USD 3 703 per capita

#### **Country Telephone Code**

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

#### International Passenger Traffic

1.1 million passengers

#### International Cargo Traffic

124 564 metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

### **Preparing for Tomorrow**

- Guatemala is both modern and colonial.
  - Guatemala City is the most flourishing city in Central America, with its modern buildings and business centres. It is also one of the most modern, boldest and cosmopolitan cities. The ideal setting for conferences and conventions, it offers renowned golf courses, medical centres equipped with the latest technologies, and world-class shopping centres, among other features.
  - In contrast is La Antiqua Guatemala, a colonial and romantic city, with a combination of ancient colonial architecture and deep-seated customs and traditions. When visiting, the historic centre of the city is a must. With more than 200 years of existence, its cathedral, iconic buildings, churches, and museums are a true testament to the country's historic evolution.
  - The neighbourhood of "Zona Viva" is one of the city's top entertainment hubs, with exclusive hotels and restaurants.

### Did You Know... Travel and Tourism

The name Guatemala means 'Land of the Trees' in Maya-Toltec language. A fun fact, some people believe that the name Guatemala is derived from the word Guhatezmalh, which means "Mountain that vomits water".







25 March 1948 – Deposit of instrument of ratification of the Chicago Convention

▼ Cathédrale Saint-Charles-Borrome de Gonaives





▲ Les Cayes Botanical Garden

# State Facts and Figures

#### Capital

Port-au-Prince

#### Official Languages

French, Creole

#### Currency

Gourde

#### Area

27 500 km<sup>2</sup>

#### **Population**

10.6 million

#### **Gross Domestic Product**

USD 8.7 billion USD 820 per capita

#### Country Telephone Code

509

# Air Transport Statistics

#### International Airports

2

#### Domestic Airports

3

# International Passenger Traffic

1.3 million passengers

# International Cargo Traffic

7 717 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

21

### **Preparing for Tomorrow**

- Because Haiti is a small island in the middle of the Caribbean Sea with a strong potential for tourism, air transport is considered a unique tool to sustain connectivity and enhance economic development.
- Aviation is also recognized as a strong contributor to the reduction of poverty in small economies. In this regard, Haiti is looking forward to focusing on an efficient national aviation infrastructure to improve air transport performance within a pro-growth perspective, with a view to boost productivity, create more business opportunities and promote tourism and business trade. Capacity building requires a sound institutional framework and unequivocal political commitment to foster an adequate evolution of the aviation system.
- To prepare for tomorrow, the country pursues the following strategic objectives:
  - Compliance with international standards
  - Implementation of adequate regulations
  - Oversight capacity of the aviation system
  - Safe and efficient air traffic management
  - Protection of the environment

### Did You Know... Travel and Tourism

Although the earthquake of January 2010 destroyed much of the Haitian capital and a number of tourist attractions, Haiti remains a 'must visit' country with its various monuments related to the war of independence of 1804. Moreover, blessed with year-round sunshine, and the beauty of its landscape and beaches, visitors and business travellers still find it a most heart-warming destination.



# HONDURAS



# Relationship with



7 May 1953 – Deposit of instrument of ratification of the Chicago Convention

#### ▼ The Bay Islands





▲ Copan Ruins

# State Facts and Figures

#### Capital

Tegucigalpa

#### Official Languages

Spanish

#### Currency

Lempira

#### Area

112 492 km<sup>2</sup>

#### Population

8.2 million

#### **Gross Domestic Product**

USD 19.4 billion USD 2 434 per capita

#### Country Telephone Code

504

### AirTransport Statistics

#### International Airports

4

#### **Domestic Airports**

8

# International Passenger Traffic

1.4 million passengers

# International Cargo Traffic

29 157 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

21

### **Preparing for Tomorrow**

- The aeronautical sector in Honduras has been enhanced with operational safety requirements, as well as the development of new airfields that will significantly improve the overall strategic positioning and promotion of Honduran civil aviation. In addition, new air corridors are being established to serve as bridges between the Atlantic and Pacific Oceans, with the objective of creating a more integrated and dynamic route structure designed to boost economic growth throughout the country.
- The Government of Honduras has also linked the development of tourism to the aeronautical sector, raising it to the status of State policy. The resulting synergy will strengthen our ability to showcase before the world our natural outdoor beauty, refined gastronomy, age-old culture and the warmth of our people. Our aim is to respond more effectively to domestic and international demand for quality tourism products and services.

### Did You Know... Travel and Tourism

Honduras is blessed with an extensive variety of natural and cultural resources, including some 250 km of Caribbean beaches located in Tela, Trujillo and La Ceiba, as well as the Bay Islands nestled among the second largest coral reef in the world and the largest on the American continent. The Copan Ruins have been designated by UNESCO as a world heritage site of Mayan culture.



# JAMAICA



# Relationship with



26 March 1963 – Notification of adherence to the Chicago Convention

▼ Headquarters of the Jamaica Civil Aviation





▲ Air traffic control tower - Sangster Airport

# State Facts and Figures

#### Capital

Kingston

#### Official Languages

English

#### Currency

Jamaican Dollar

#### Area

10 990 km<sup>2</sup>

#### **Population**

2.7 million

#### **Gross Domestic Product**

USD 13.9 billion USD 5104 per capita

Country Telephone Code

# AirTransport Statistics

#### International Airports

3

#### **Domestic Airports**

3

# International Passenger Traffic

5.3 million pasengers

#### International Cargo Traffic

16 209 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

164

### **Preparing for Tomorrow**

- ◆ Jamaica's aviation industry is being revolutionized through a comprehensive modernization programme that incorporates new Communications, Navigation Surveillance (CNS) infrastructure and technologies.
- The programme is part of a core strategy for continuously enhancing the efficiency and enviable safety performance of Jamaica's aviation sector, by pursuing targeted improvements in technology and operational concepts.
- Major projects currently underway, at a cost of USD 42.1 million (J \$4.92 billion), include:
  - installation of Thales TopSky-ATC, an industry-leading air traffic management system utilizing state-of-the-art, satellite-based air navigation and automation technologies
  - implementation of new L-Band Primary and Mode-S MSSR radar technology
  - air traffic control & 3D tower simulators
  - associated facilities
- Through these initiatives, Jamaica is determined to confirm its status as a leading aviation administration, focussed on the development of a safe and thriving global aviation community.

### Did You Know... Travel and Tourism

Jamaica ranks among the top five of the world's most favoured tourist destinations. It is also one the most varied of the Caribbean islands, offering world-renowned hospitality, sun-drenched beaches, waterfalls, lush vegetation and a vibrant culture. Jamaica's efficient transportation network features three international airports, new highways and thriving cruise port communities.







25 June 1946 – Deposit of instrument of ratification of the Chicago Convention

**▼** New International Airport project of Mexico City





▲ Archaeological zone of Palenque, Chiapas

# State Facts and Figures

#### Capital

Mexico

#### Official Languages

Spanish

#### Currency

Mexican Peso

#### Area

1 964 375 km<sup>2</sup>

#### Population

119.6 million

#### **Gross Domestic Product**

USD 1.3 trillion USD 10 325 per capita

#### **Country Telephone Code**

52

# Air Transport Statistics

#### International Airports

63

#### **Domestic Airports**

13

# International Passenger Traffic

33.6 million passengers

#### International Cargo Traffic

519 159 metric tonnes

# National Airlines with International Services

11

#### Foreign Airlines

76

### **Preparing for Tomorrow**

- Currently under development and due to begin operations in 2020, the New Mexico City International Airport will be one of the three largest in the world and the largest and most modern in Latin America.
- Initially, the new airport will feature three runways for simultaneous take-offs and landings; it will accommodate 550 000 aircraft movements and 50 million passengers a year. Ultimately, it will have two terminals and six runways that will permit three aircraft to land and/or take off at the same time. The capacity will increase to 120 million passengers annually.
- Already, there have been extensions and modifications to the existing Mexico City International Airport for wide-body aircraft such as the Airbus A380, that began regular operations in January 2016.
- In 2016, the Training Centre ASA-Airbus became the first of its kind in Latin America. The facility will provide training and instruction to Mexican and foreign pilots flying the A320 family of aircraft. Among its many features is a state-of-the-art flight simulator.

### Did You Know... Travel and Tourism

In Mexico, there are 33 World Heritage Sites, and seven traditions and festivities recognized as Intangible Cultural Heritage by UNESCO. This makes Mexico the Latin American country with the greatest number of UNESCO sites and events that world travellers should visit and take part in.



Aeropuertos y Servicios Auxiliares The Aeropuertos y Servicios Auxiliares International Training Centre (CIIASA) is one of the world's 12 certified Regional Training Centres of Excellence, the highest recognition granted under the TRAINAIR PLUS Programme of the International Civil Aviation Organization for meeting world-class quality and content standards.

The Centre features experienced instructors, certified by the Directorate General of Civil Aeronautics, and state-of-the-art-training facilities. Two flight simulators for type A320 technology – the first in Latin America –, an auditorium, classroom training, technical labs, and a scale model aerodrome make it possible for us to provide a wide range of workshops, conferences and continuous learning for all participants.

# ASA INTERNATIONAL TRAINING CENTRE (CIIASA)

We have signed international agreements for information exchange and training with the National School of Civil Aviation of France, with Air Navigation Services and Studies and Aeronautical Safety of Spain, and one more to be recognized as a Regional training partner of IATA.

Over the years, we have offered various degrees in conjunction with outstanding Mexican educational institutions, such as the National Autonomous University of Mexico (UNAM) and the National Polytechnic Institute (IPN).

We also provide training for airport and air cargo personnel and mail dispatchers related to preventive safety measures, crisis management, acts of unlawful interference and coaching. We are committed to increasing the technical capabilities and knowledge of staff in specialized areas, such fuel management, airport operations and services, fauna risk mitigation and other disciplines.

As for human resources development, we are focused on risk awareness and prevention, as well as reducing accidents among workers.

Aeropuertos y Servicios Auxiliares is without a doubt the leader in Mexico and Latin America for the provision of training programmes and courses.







28 December 1945 – Deposit of instrument of ratification of the Chicago Convention

▼ Cerro Negro Volcano





A Bay of San Juan del Sur

# State Facts and Figures

#### Capital

Managua

#### Official Languages

Spanish

#### Currency

Cordoba

#### Area

130 700 km<sup>2</sup>

#### Population

6 million

#### **Gross Domestic Product**

USD 11.8 billion USD 1963 per capita

#### **Country Telephone Code**

505

### AirTransport Statistics

#### International Airports

1

#### Domestic Airports

10

# International Passenger Traffic

1.2 million passengers

#### International Cargo Traffic

27 893 metric tonnes

# National Airlines with International Services

1

#### Foreign Airlines

14

### **Preparing for Tomorrow**

- Nicaragua has taken a number of important steps in the promotion and development of its air transport sector, while maintaining compliance with ICAO international standards in terms of safety and security of civil aviation.
- Major initiatives include increased air connectivity to and from the main tourist destinations in the country, through the construction of airports in new locations and the rehabilitation of the main airport infrastructure in the Pacific and Caribbean regions of the country.
- Also strategic is the technological upgrading of civil aviation operations with the new ATC Centre and its secondary Radar mode S surveillance, as well as the installation of a modern weather radar C-band to reinforce operational safety in the Nicaraguan airspace.
- In the human resources area, training has been expanded throughout the workforce, in a number of disciplines and categories.
- The FAA granted Category 1 with regard to the promotion of tourism and investment in the country's aeronautical sector.

# Did You Know... Travel and Tourism

Nicaragua is known as the Land of Lakes and Volcanoes. It has 10 volcanoes (7 active and 3 inactive), 2 natural lakes (Cocibolca and Xolo), 3 lakes that were originally craters (Tiscapa, Apoyo y Asososca), and 1 artificial lake (Apanas). In 2016, Nicaragua celebrates the centenary of the passage to immortality of the Principe of the Castilian letters, Nicaraguan poet Rubén Darío.



# SAINT KITTS & NEVIS



# Relationship with \*\* ICAO



21 May 2002 - Notification of adherence to the Chicago Convention



# **Facts and Figures**

#### Capital

Basseterre

#### Official Languages

English

#### Currency

East Caribbean Dollar

#### Area

260 km<sup>2</sup>

#### Population

53 584

#### **Gross Domestic Product**

USD 833.3 million USD 15 209 per capita

#### **Country Telephone Code**

1-869

### **Air Transport Statistics**

#### International Airports

#### **Domestic Airports**

N/A

#### International Passenger Traffic

312 810 passengers

#### International **Cargo Traffic**

221 360 metric tonnes

#### **National Airlines with International Services**

N/A

#### Foreign Airlines

### **Preparing for Tomorrow**

As a lifestyle destination, appealing to persons with varied interests, St. Kitts-Nevis continues to invest in our tourism plan which is the main engine of growth in our economy. The expansion and enhancement of our cruise facility, building human capacity, creation of a wider variety of our tour offering and expansion of our hotel facilities are but a few of the steps taken to prepare our Federation for the anticipated growth in the tourism sector.

### Did You Know... Travel and Tourism

The largest cruise ship can dock at our cruise facility. You can also fly non-stop from major U.S. cities to St. Kitts (MIA, JFK, EWR, CLT, ATL) and London. St. Kitts-Nevis is home to a World Heritage Site, Brimstone Hill Fortress National Park, and the only operating railway system in the Caribbean, St. Kitts Scenic Railway. The smallest independent nation in the western hemisphere awaits, you.



# SAINT LUCIA



# Relationship with



20 November 1979 – Notification of adherence to the Chicago Convention

**▼** World Heritage Site: Majestic Twin-Pitons





▲ Hewanorra International Airport

# State Facts and Figures

#### Capital

Castries

#### Official Languages

English

#### Currency

East Caribbean Dollar

#### Area

616 km<sup>2</sup>

#### Population

183 600

#### **Gross Domestic Product**

USD 1.4 billion USD 7 647 per capita

#### **Country Telephone Code**

1-758

# AirTransport Statistics

#### International Airports

2

#### **Domestic Airports**

0

# International Passenger Traffic

783 227 passengers

#### International Cargo Traffic

2 962 metric tonnes

# National Airlines with International Services

0

#### Foreign Airlines

14

### **Preparing for Tomorrow**

Hewanorra International Airport (HIA) is a major component of the island's tourism product, serving as the gateway to the global community. Based on trend analyses, the airport is expected to facilitate over 700 000 passengers by 2017. To meet this growing demand, the redevelopment of the airport through a Public Private Partnership (PPP) was deemed most suitable. Under the PPP, the Saint Lucia Air and Sea Ports Authority (SLASPA) envisions a 30-year Master Plan that includes optimal development in accordance with international best practices. Capital investment to be undertaken by the operator will be for a new terminal building, terminal complex and runway rehabilitation, as prescribed by the Master Plan. Capacity enhancing works to be facilitated by SLASPA in support of the redevelopment have commenced. Pre-qualified bidders are now being evaluated for experience, financial solvency and reputation. Subsequent to the conclusion of this process, a contract will be awarded to the successful bidder by July 2016, with a start date for construction scheduled for January 2017.

### Did You Know... Travel and Tourism

The island is known as one of the best honeymoon destinations in the world. Her spectacular views of the iconic Pitons and Caribbean Sea, lush rainforests, therapeutic hot springs from the "world's only drive-in volcano" or Sulphur Springs and chalky-white sands create a breathtaking scenery of natural beauty, peace and tranquillity – idyllic for romance, leisure, exploration and rejuvenation.



# SAINT VINCENT AND THE GRENADINES



# Relationship with



15 November 1983 – Notification of adherence to the Chicago Convention

▼ New hotel facility on St Vincent





▲ Terminal Building of the new airport

# State Facts and Figures

#### Capital

Kingstown

#### Official Languages

English

#### Currency

East Caribbean Dollar

#### Area

390 km<sup>2</sup>

#### Population

109 373

#### **Gross Domestic Product**

USD 729.3 million USD 6 668 per capita

#### **Country Telephone Code**

784

# Air Transport Statistics

#### International Airports

5

#### Domestic Airports

0

# International Passenger Traffic

N/A

#### International Cargo Traffic

A/N

#### National Airlines with International Services

2

#### Foreign Airlines

4

### **Preparing for Tomorrow**

- Focus on improving aviation safety and security, in support of tourism development.
- Continue to upgrade and modernize the air transport infrastructure.
- Upgrade and modernize air navigation services and infrastructure; this has started with the development and retraining of all air traffic management personnel in various areas, including understanding Performance Based Navigation.
- Further the upgrade of air navigation services with the implementation of RNAV systems, for arrival and departure procedures at the new airport.
- Open the new international airport at Argyle and transfer operations from the E. T. Joshua Airport, providing direct access to St. Vincent for intercontinental commercial flights.

# Did You Know... Travel and Tourism

St. Vincent and the Grenadines (SVG) is a multi-island Caribbean paradise for yachting, scuba diving, enjoying nature, and relaxing in luxurious hideaways. It was originally called Hairouna by the Carib Indians, who inhabited the islands until the 18th century. SVG has won several international awards, including Lonely Planets' top 10 islands and beaches in 2014.



# TRINIDAD AND TOBAGO



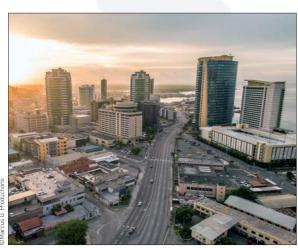
# Relationship with ICAO



14 March 1963 - Notification of adherence to the Chicago Convention

▼ TTCAA's Complex, Carnival & the Tobago Airport





▲ Port of Spain, Capital of Trinidad and Tobago

# **Facts and Figures**

#### Capital

Port of Spain

#### Official Languages

English

#### Currency

Trinidad and Tobago Dollar

#### Area

5 130 km<sup>2</sup>

#### Population

1.3 million

#### **Gross Domestic Product**

USD 28.9 billion USD 15 840 per capita

#### **Country Telephone Code**

1-868 668 8222

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

#### International **Passenger Traffic**

2.5 million passengers

#### International **Cargo Traffic**

46 210 metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

### **Preparing for Tomorrow**

- With an explosion of colours, music, revelry and creativity, Trinidad and Tobago's Carnival is the Greatest Show on Earth. During the Carnival period, Trinidad and Tobago experiences a significant spike in economic activity. It is one of the highest tourism periods, attracting more than 40 000 visitors annually and generating an estimated USD 18 million in revenues.
- High passenger traffic is experienced during the Carnival season, resulting in increased flights in the Piarco FIR. Because the FIR is a major crossing point for most airlines on east/west and north/south routes, a higher number of movements is also associated with major global events.
- To meet the demand, Trinidad and Tobago has been investing heavily in equipment, technology and the training of personnel for the development of air navigation plans that reduce operational unit costs, facilitate increased traffic and optimize the use of existing and emerging technologies. With these investments, Trinidad and Tobago is expanding its focus on the long-term efficiency and sustainability of civil aviation.

### Did You Know... Travel and Tourism

Trinidad and Tobago, a twin island Republic with one of the richest and most diverse cultures in the world, are the southernmost islands in the Caribbean. Trinidad is the business capital of the region, owing to its natural hydrocarbon reserves, and attracts more than two million visitors annually. Tobago concentrates on tourism, with some 75 000 visitors a year.



# UNITED STATES

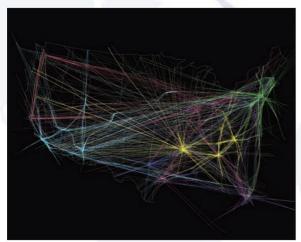


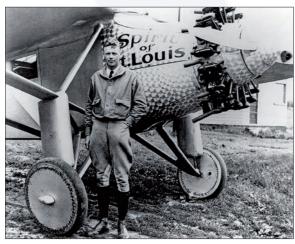
# Relationship with WICAO



9 August 1946 - Deposit of instrument of ratification of the Chicago Convention

▼ US traffic





▲ Charles Linbergh

# **Facts and Figures**

#### Capital

Washington DC

#### Official Languages

English

#### Currency

U.S. Dollar

#### Area

9 826 675 km<sup>2</sup>

#### Population

316 million

#### **Gross Domestic Product**

USD 17.4 trillion USD 55 230 per capita

#### **Country Telephone Code**

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

19 532

#### International Passenger Traffic

181.1 million passengers

#### International **Cargo Traffic**

9.3 million metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

N/A

### **Preparing for Tomorrow**

- The United States has a strong, proactive safety culture where government and industry work together to use data to prevent accidents.
- The FAA has successfully integrated new technologies in our aviation system for decades, and is now safely integrating Unmanned Aircraft Systems (UAS)/Remotely Piloted Aircraft Systems (RPAS) into the national airspace system.
- The United States is modernizing the national airspace system through NextGen by moving from ground-based radar to satellitebased navigation, from voice to digital communication, and from point-to-point data to a fully integrated information management system. These initiatives change how we see, navigate, and communicate in our nation's skies. The FAA has completed ADS-B ground infrastructure, a building block of NextGen.
- We set performance-based standards so that our regulations are flexible and can accommodate growth and new technologies, in order for the United States to be in a position to create innovative products and technologies that improve safety and efficiency.

### Did You Know... Travel and Tourism

Civil aviation contributes USD 1.5 trillion annually to the U.S. economy, supports 12 million jobs, and constitutes 5.4 per cent of the nation's gross national product. NextGen technologies and procedures are making air travel safer and more efficient, with less impact on the environment. The U.S. is integrating UAS /RPAS into the most complex airspace in the world.









# **SOUTH AMERICA**





Mr Franklin Hoyer Regional Director



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- Argentina
- Bolivia
  (Plurinational State of)
- Brazil
- Chile
- Colombia
- Ecuador
- Guyana

- Panama
- Paraguay
- Peru
- Suriname
- Uruguay
- Venezuela

(Bolivarian Republic of)



# ARGENTINA



# Relationship with



4 June 1946 – Notification of adherence to the Chicago Convention

**▼** SALTA International Airport





▲ Iguazú Falls

#### State Facts and Figures

#### Capital

**Buenos Aires** 

#### Official Languages

Spanish

#### Currency

Argentine Peso

#### Area

2 780 400 km<sup>2</sup>

#### Population

40 million

#### **Gross Domestic Product**

USD 537.7 billion USD 12 509 per capita

#### Country Telephone Code

54

### AirTransport Statistics

#### International Airports

23

#### **Domestic Airports**

30

# International Passenger Traffic

12 million passengers

# International Cargo Traffic

295 714 metric tonnes

# National Airlines with International Services

5

#### Foreign Airlines

37

### **Preparing for Tomorrow**

- Argentina is currently working on the promotion of its air transport industry, with a special emphasis on safety standards as a means of strengthening national and regional bonds. The strategy is also designed to contribute to the growth of regional economies, focusing on interconnectivity.
- In this context, the Ministry of Transport, through the National Civil Aviation Administration, is implementing a plan that features new routes and more frequent flights in order to improve the number and range of connections, at the domestic and international levels.
- Under the plan, LAN Peru operates three new weekly flights between Lima and Salta, since 16 June 2016. Four new weekly flights connecting Lima with Rosario were offered from 2 July.
- For its part, Copa Airlines (Panama) added four weekly flights between Rosario and Panama, also as of 2 July.

### Did You Know... Travel and Tourism

22 268 928 passengers were transported on domestic and international flights in Argentina during 2015.



# BOLIVIA (PLURINATIONAL STATE OF)



# Relationship with



ICA

4 April 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Air Traffic Control Simulator





▲ La joya andina Airport

# State Facts and Figures

#### Capital

Sucre

#### Official Languages

Spanish

#### Currency

Boliviano

#### Area

1 098 581 km<sup>2</sup>

#### Population

10 million

#### **Gross Domestic Product**

USD 33 billion USD 3124 per capita

#### **Country Telephone Code**

591

# Air Transport Statistics

#### International Airports

3

#### Domestic Airports

12

# International Passenger Traffic

1.3 million passengers

#### International Cargo Traffic

5 789 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

14

### **Preparing for Tomorrow**

- Bolivia and France signed a purchase agreement for radars, to be used for "civil and military coverage", worth about 200 million euros. They will serve the country in its fight against drug trafficking.
- Delivia has the most modern air traffic control simulator in Latin America. This state-of-the-art equipment, available to Bolivian controllers, was manufactured exclusively for Bolivia.

### Did You Know... Travel and Tourism

The Joya Andina Airport, in Uyuni, offers the best connections between this remote town and the rest of Bolivia. It also provides travellers with a new option to reach the magnificent Uyuni Salt Flats. The airport boasts a 4 000 meter runway and currently serves domestic flights. Within the next year, it hopes to open international routes connecting Uyuni with Chile, Argentina and Brazil.



# BRA7II



# Relationship with WICAO



8 July 1946 - Deposit of instrument of ratification of the Chicago Convention

▼ Brazilian air traffic control center - CINDACTA





▲ Brazilian Air Force

# **Facts and Figures**

#### Capital

Brasília

#### Official Languages

Portuguese

#### Currency

Real

#### Area

8 515 767 million km<sup>2</sup>

#### Population

204 million

#### **Gross Domestic Product**

USD 2.4 trillion USD 11 726 per capita

#### **Country Telephone Code**

### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

132

#### International **Passenger Traffic**

20.9 million passengers

#### International **Cargo Traffic**

642 210 metric tonnes

#### **National Airlines with** International Services

#### Foreign Airlines

### **Preparing for Tomorrow**

- Fully focused on the future, Brazil is aggressively implementing the SIRIUS Program, a strategy for developing the country's air traffic management system in an environmentally sustainable manner, based on a combination of high-tech solutions, human resources training and the fostering of operational cost reductions.
- Headed by the Brazilian Air Force, through the Department of Airspace Control, the gradual implementation of the SIRIUS Program will provide Brazil, over the short-, medium- and long-term the required increase in operational capacity to be able to meet the high traffic growth expected in coming decades, while maintaining the desired levels of operational safety.
- The modernization and implementation of new systems and equipment, as well as the application of new procedures such as those based on Performance Based Navigation, will ensure for passengers increased safety, shorter flight times and greater reliability with respect to arrivals and departures, among others.

### Did You Know... Travel and Tourism

The tourism potential for Brazil is widely recognized, not only due to its natural riches, like the Amazon Forest and beaches, but also its cultural diversity. To further develop tourism, the Brazilian Government has been implementing, for the past few years, a major airport concession programme aimed at modernizing the country's infrastructure and strengthening air connectivity.



# CHILE



## Relationship with



11 March 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Arturo Merinio Benítez Airport - Santiago





▲ Carriel Sur Aerodrome - Concepción

# State Facts and Figures

#### Capital

Santiago

#### Official Languages

Spanish

#### Currency

Chilean Peso

#### Area

2 006 096 km<sup>2</sup>

#### Population

17.6 million

#### **Gross Domestic Product**

USD 258.1 billion USD 14 528 per capita

#### Country Telephone Code

56

# Air Transport Statistics

#### International Airports

7

#### Domestic Airports

28

# International Passenger Traffic

8.3 million passengers

#### International Cargo Traffic

246 311 metric tonnes

# National Airlines with International Services

6

#### Foreign Airlines

28

### **Preparing for Tomorrow**

- Chile has an extensive airport network: 343 aerodromes, 102 heliports and 7 airports, from Arica to Antarctica, including island territories.
- Chile is internationally known for its offer of adventure tourism activities and wonderful landscapes, such as the Moon Valley in San Pedro de Atacama, Torres del Paine Park in Punta Arenas and the mythical Easter Island. International airports serve all of these destinations.
- Important projects and airport infrastructure improvements make it possible to meet the continuous growth of the aviation industry.
- About thirty international airlines operate in Chile, offering multiple connections to main destinations around the world, whether by nonstop, direct or connecting flights to and from major cities in Latin America.

### Did You Know... Travel and Tourism

The Civil Aviation Authority of Chile (DGAC) is responsible for the management and control of one of the largest airspaces in the world, covering up to 31.9 million km² and three continents—South America, Oceania and Antarctica.

# MORE ABOUT CHILE

# Preparing for the Future

General Victor Villalobos, a General Staff Officer, took office as Director General of Civil Aviation on 15 December 2015.

Under his leadership, the Chilean CAA is committed to provide timely, efficient and effective solutions to the challenges posed by a constantly changing aviation environment.

To this end, the Civil Aviation Authority is working on a predictive basis, focusing on service levels that comply with international standards and integrate leading-edge technology, aiming at maintaining a sound and sustainable air transport sector.



A view of Santiago Airport with its DGAC Control Tower



**Victor O. Villalobos**General
Director General of Civil Aviation

#### **Aviation Safety**

Chile is one of the original 52 signatories to the Chicago Convention of 1944 that created ICAO. Since then, the country has supported the Organization's mission of ensuring the safety, the security and the regularity of international civil aviation, in its territory and throughout the Region.

On 1 October 2013, Chile was elected to the ICAO Council.

In 2016, the Chilean CAA prepared for an audit to be conducted in 2017 under the ICAO Universal Safety Oversight Audit Programme (USOAP), as well as for the implementation of Chile's State Safety Plan (SSP).

Another priority for the Chilean CAA is the harmonization of aviation standards and regulations as a means of achieving higher performance-based improvements.

#### MORE ABOUT CHILE

#### **Leading-edge Technology**

The integration of new and rapidly evolving technologies throughout the national civil aviation system is another of the challenges that the Chilean CAA is addressing in an aggressive and coordinated manner, together with its partners.



Airborne Nav Aids Inspection Satellite Console

This is particularly true of airspace management, which has become increasingly complex and requires more advanced technological aids, both on the ground and in the air, along with their systemization among users.



Aerodrome simulator

During the past year, improvements include:

- An aerodrome simulator with 180° panoramic vision, including radar visualization and control tower equipment
- New radars for the capital Santiago and several other cities throughout the country
- Renewal of the Meteorological Integrated Satellite Network
- Implementation of satellite consoles for two flight inspection Chilean CAA aircraft
- Installation of a new ILS at three Chilean airports

#### **Users and Tourism**

As part of its mission of regulating, certifying and overseeing operations in airspace under the responsibility of Chile (around 32 million km²) and those conducted by national entities abroad, the Chilean CAA has developed an effective communications system in order to predict and anticipate the growing demands of all users in an optimal way – demands primarily associated with the growth in tourism, 21.8 per cent alone in 2015 in the country.t



Aeronautical technical school students attending a safety oversight conference

Statistics for last year show that Chile ranks among the top ten tourist destinations in the world that experienced the greatest growth in the number of tourists. Popular destinations include San Pedro de Atacama, Torres del Paine and Santiago.



# COLOMBIA



# Relationship with



31 October 1947 – Deposit of instrument of ratification of the Chicago Convention

▼ Control tower





▲ El Dorado Airport

#### State Facts and Figures

#### Capital

Bogotá

#### Official Languages

Spanish

#### Currency

Colombian Peso

#### Area

1 141 748 km<sup>2</sup>

#### Population

45.5 million

#### **Gross Domestic Product**

USD 377.7 billion USD 7 903 per capita

#### **Country Telephone Code**

57

# AirTransport Statistics

#### International Airports

13

#### **Domestic Airports**

247

# International Passenger Traffic

11 million passengers

#### International Cargo Traffic

590 449 metric tonnes

# National Airlines with International Services

8

#### Foreign Airlines

41

### **Preparing for Tomorrow**

- Airport infrastructure: For the period 2015-2018, Colombia will invest some 1.93 billion pesos to renovate 47 airports or terminals in 28 departments.
- Aviation infrastructure: Colombia has a very ambitious programme for innovation and redistribution of airspace, based on the use of new technologies, for a total investment of 357 billion pesos also for the period 2015–2018.
- One specific project designed to increase the efficiency of air navigation services involves the optimization and reorganization of the airspace around Bogota using two advanced software programmes, Harmony and Score, and Performance dBase Navigation is under implementation.
- In the area of technical advances, Colombia has installed 11 Automatic Dependent Surveillance – Broadcast (ADS-B) stations. This latest technology places the country on par with the most developed countries in relation to airspace management.
- The number of international passenger movements has doubled over the past year, from some four million in 2004 to almost 10 million in 2014.

### Did You Know... Travel and Tourism

In 2015, the number of international passengers increased by 10.22 per cent over 2014, from about 31 million to 34.1 million. Colombia has concluded air services agreements with 43 countries and boasts strengthened consumer protection laws and regulations, incorporating among others "derecho de retracto" – right of repurchase.

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# **ECUADOR**



## Relationship with



20 August 1954 – Deposit of instrument of ratification of the Chicago Convention

▼ Galapagos Islands UNESCO World Heritage Site





▲ Cotopaxi active volcano

### State Facts and Figures

#### Capital

Quito

#### Official Languages

Spanish

#### Currency

U.S. Dollar

#### Area

256 370 km<sup>2</sup>

#### Population

16.14 million

#### **Gross Domestic Product**

USD 100.9 billion USD 6 290 per capita

#### **Country Telephone Code**

593

# Air Transport Statistics

#### International Airports

4

#### **Domestic Airports**

21

# International Passenger Traffic

3.9 million passengers

# International Cargo Traffic

225 701 metric tonnes

# National Airlines with International Services

5

#### Foreign Airlines

47

### **Preparing for Tomorrow**

- Given the current air navigation challenges and Key Guiding Principles outlined in ICAO's Global Air Navigation Plan (GANP), Ecuador made significant investments to modernize the country's air navigation infrastructure, implementing RNP navigation systems and increasing to 95 per cent its national airspace radar coverage.
- Baltra Airport, the first ecological airport in the world, is the gateway to the Galapagos National Park, a "must see" destination for eco-tourists and disciples of Darwin.
- During the last ICAO Coordinated Validation Mission in 2015, Ecuador obtained 89.32 per cent compliance with the Corrective Action Plan.
- The Civil Aviation Technical School (ETAC) is a full member of the ICAO TRAINAIR PLUS Programme, ensuring high academic standards in civil aviation training under the methodology established by ICAO.
- Ecuador will host an ICAO Council event on Aviation and Environment in March 2017.

### Did You Know... Travel and Tourism

Ecuador is the area of the world with the largest natural, cultural and ethnic diversity. It has one of the greatest collections of flora and fauna in four very different regions: The Amazon, the Andes, the Pacific Coast and the Galapagos Islands. Quito, the capital city, and the Galapagos Islands are UNESCO World Heritage Sites.







3 February 1967 – Notification of adherence to the Chicago Convention

▼ The majestic single drop Kaietuer Falls





# State Facts and Figures

#### Capital

Georgetown

#### Official Languages

English

#### Currency

Guyanese Dollar

#### Area

214 970 km<sup>2</sup>

#### Population

747 884

#### **Gross Domestic Product**

USD 3.1 billion USD 4053 per capita

#### **Country Telephone Code**

592

# Air Transport Statistics

#### International Airports

2

#### **Domestic Airports**

85

# International Passenger Traffic

518 231 passengers

# International Cargo Traffic

5 285 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

13

### **Preparing for Tomorrow**

- Guyana is poised to advance its aviation sector, to improve its socio-economic and cultural structures.
- Aviation continues to show an upward trend over the past five years. Connecting Guyana with the rest of the world is as important as is linking its coast and its hinterland. Our tourism and hospitality sector relies on this connectivity, part of a goal to become an emerging frontier in global green tourism.
- Our main international airport is being expanded to facilitate increased traffic, as well as operations by larger and more modern aircraft. The recent introduction of advanced technology – Automatic Dependent Surveillance-Broadcast (ADS-B) – will improve airspace capacity and efficiency.
- Our domestic aviation landscape has been transformed with the introduction of new fleets, training schools for pilots and engineers, and approved maintenance organizations.
- © Guyana is committed to achieving a green economy, to preserving our wildlife, and to becoming a model of environmentally friendly and sustainable development, under the theme of "Explore Guyana".

### Did You Know... Travel and Tourism

Guyana celebrates the jubilee of its independence in 2016. The country is listed among the 12 emerging travel destinations to visit during the year. A rare gem, Guyana is located in the North Atlantic and is home to the world's widest single-drop waterfall (Kaietuer), rapids, mountain ranges and vast savannahs nestled in pristine rainforests teeming with diverse and unique flora and fauna.







18 January 1960 – Notification of adherence to the Chicago Convention



# State Facts and Figures

#### Capital

Panama City

#### Official Languages

Spanish

#### Currency

Balboa/U.S. Dollar

#### Area

75 990 km<sup>2</sup>

#### Population

3.9 million

#### **Gross Domestic Product**

USD 46.2 billion USD 11 948 per capita

#### **Country Telephone Code**

507

# Air Transport Statistics

#### International Airports

6

#### **Domestic Airports**

10

# International Passenger Traffic

4.3 million passengers

#### International Cargo Traffic

103 359 metric tonnes

# National Airlines with International Services

4

#### Foreign Airlines

47

### **Preparing for Tomorrow**

- In response to the increase in air operations in Panama, and thanks to the growing popularity of the country as a destination for tourism and business, the future Terminal 2 at Tocumen International Airport will make it possible to double capacity.
- The modernized facility will provide the "Hub of the Americas" with an architectural and iconic structure of excellent quality, technologically advanced, and with modern logistical, organizational and operational features.
- When completed, the facility promises to be one of the most modern and attractive among Latin America airports.

### Did You Know... Travel and Tourism

Panama is one of as the countries in Latin America with the highest degree of air connectivity, according to the International Air Transport Association (IATA).



# PARAGUAY



# Relationship with



21 January 1946 – Deposit of instrument of ratification of the Chicago Convention

▼ International Airport Silvio Pettirossi





# State Facts and Figures

#### Capital

Asunción

#### Official Languages

Spanish and Guarani

#### Currency

Guaraní

#### Area

406 752 km<sup>2</sup>

#### Population

6.8 million

#### **Gross Domestic Product**

USD 30.9 billion USD 4712 per capita

#### Country Telephone Code

595

# AirTransport Statistics

#### International Airports

2

#### **Domestic Airports**

10

# International Passenger Traffic

868 696 passengers

#### International Cargo Traffic

17 881 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

10

### **Preparing for Tomorrow**

- ◆ DINAC, the Civil Aviation Agency, presented to foreign entrepreneurs the Government's plan to build a new terminal next to Silvio Pettirossi Airport. The airport serves Asuncion, with an estimated capacity of two million passengers. The new terminal would be funded under the Public Private Partnerships (PPP) Law, boosting private investment not only for the airport facilities, but also for the construction of a modern commercial center, in response to the rapid growth experienced by Paraguay and the Region.
- ◆ Prefeasibility studies were funded by the European Union and the International Cooperation Agency of Korea (KOICA), both seeking to support and strengthen the process with an Airports and Aviation Master Plan Resource in a short, medium- and long-term perspective. Targeted are Encarnación (Cnel.) Oviedo, Mcal. and Estigarribia, situated in industrial and agricultural regions. Included in the Plan are the development of logistic areas, free trade zone, maquila zone, cargo distribution, maintenance equipment, hotel and resort establishments, all focused on the development of the airports.

### Did You Know... Travel and Tourism

In order to enhance tourism, the granting of visas has been implemented at Silvio Pettirossi International Airport for some countries. The National Secretary of Tourism has promoted the country's various tourist destinations mainly in inner cities, focusing on cultural diversity and nature.







8 April 1946 – Deposit of instrument of ratification of the Chicago Convention

**▼** Jorge Chavez International Airport





▲ Machu Picchu

# State Facts and Figures

#### Capital

ima

#### Official Languages

Castellano

#### Currency

Sol

#### Area

1 285 215 km<sup>2</sup>

#### Population

30.8 million

#### **Gross Domestic Product**

USD 202.6 billion USD 6541 per capita

#### Country Telephone Code

51

# Air Transport Statistics

#### International Airports

12

#### **Domestic Airports**

16

# International Passenger Traffic

7.7 million passengers

#### International Cargo Traffic

308 180 metric tonnes

# National Airlines with International Services

6

#### Foreign Airlines

46

### **Preparing for Tomorrow**

- Peru has increased the efficiency and capacity of its airport infrastructure by transferring the management of 19 airports to the private sector.
- Traffic grew to 18 million passengers in 2015, following sustained annual increases of 12 per cent over the past 13 years.
- Major investments at Jorge Chávez International Airport, including a second runway and a new terminal, should increase capacity to some 30 million passengers annually.
- Construction has begun on the new Cusco-Chinchero International Airport; it will become the primary entry point for visitors to Machu Picchu.
- A new air traffic control centre being installed in Lima, featuring MSSR radar capabilities, will provide coverage throughout Peru and eventually 90 per cent of the upper air space (FL250) in the Lima FIR.
- ◆ The DGCA will maximize the effectiveness of its new automated ATS systems through the PROESA/PBN programme that makes it possible to improve the performance of terminal control areas of major Peruvian airports through satellite-based air navigation.

### Did You Know... Travel and Tourism

Peru prides itself as the culinary and cultural capital of South America, a reputation enhanced by its major attraction, the ancient city of Machu Picchu, one of the Seven Wonders of the Modern World. Thanks to sustained economic growth, Peru is now a thriving business and international convention destination. Lima hosted the COP20 in 2014 and an IMF Board of Governors meeting in 2015.





# Relationship with ICAO



5 March 1976 - Notification of adherence to the Chicago Convention



# **Facts and Figures**

#### Capital

Paramaribo

#### Official Languages

Dutch

#### Currency

Surinamese Dollar

#### Area

163 820 km<sup>2</sup>

#### Population

541 638

#### **Gross Domestic Product**

USD 5.2 billion USD 9 680 per capita

#### **Country Telephone Code**

#### Air Transport **Statistics**

#### International Airports

#### **Domestic Airports**

#### International Passenger Traffic

461 434 passengers

#### International **Cargo Traffic**

100 00 metric tonnes

#### **National Airlines with International Services**

#### Foreign Airlines

### **Preparing for Tomorrow**

- The development of tourism plays an important role in the growth
- The diversity of people, from various parts of the world and who retained most of their original customs and habits, has given Suriname a cultural blend that is truly one of a kind in the entire world.
- Without a doubt, we offer every visitor to Suriname a unique and unforgettable experience that will entice you to come back and once again have a taste of this cultural melting pot, with a distinctive and wonderful aroma of friendliness.

### Did You Know... Travel and Tourism

Suriname is known for its pristine rainforest, exotic plants and animals, wild rapids, large rivers and stunning mountainous areas in the southern part of the country. Dark creeks run through the savannas where white sandy grounds contrast intensely with green trees, while palms and huge forest giants in different sorts and colors decorate the magical panorama of the jungle.







14 January 1954 – Deposit of instrument of ratification of the Chicago Convention

**▼** Legislative Palace - Montevideo





▲ Laguna del Sauce Airport - Punta del Este

# State Facts and Figures

#### Capital

Montevideo

#### Official Languages

Spanish

#### Currency

Uruguayan Peso

#### Area

176 000 km<sup>2</sup>

#### Population

3.4 million

#### **Gross Domestic Product**

USD 57.5 billion USD 16 806 per capita

#### Country Telephone Code

598

# AirTransport Statistics

#### International Airports

3

#### **Domestic Airports**

4

# International Passenger Traffic

1.8 million passengers

#### International Cargo Traffic

25 697 metric tonnes

# National Airlines with International Services

2

#### Foreign Airlines

14

### **Preparing for Tomorrow**

- The World Bank has supported the development process in Uruguay with instruments such as loans, insurance, grants, studies and knowledge sharing.
- The work programme for 2010-2015 is based on four main pillars:
  - Reducing macroeconomic vulnerability and strengthening the public sector administration
  - Improving competitiveness and infrastructure
  - Protecting the environment, mitigating the effects of climate change and strengthening family farming
  - Promoting inclusion and social equity
- This means a portfolio of nine projects totalling USD 964 million. Six projects, valued at USD 178 million, are for investment purposes. Additionally, a USD 66 million results-oriented project is underway for road construction and maintenance.
- The country also has a USD 200 million investment loan, with a deferred drawdown option (DDO), which will be activated in the event the country experiences adverse climate events.

### Did You Know... Travel and Tourism

Located in the Atlantic Ocean, at the mouth of the Río de la Plata, there is an island called "Isla de Lobos", a nature reserve with the largest colony of sea lions in the western hemisphere. In 2005, there were 250 000 sea lions of the species called "two hairs" and 1 500 of the species known as the "wig." Various types of orcas and birds can also be found there.



# VENEZUELA (BOLIVARIAN REPUBLIC OF)



# Relationship with



1 April 1947 – Notification of adherence to the Chicago Convention

▼ Angel Falls, Canaima National Park





A Playa El Saco, Anzoátegui State

# State Facts and Figures

#### Capital

Caracas

#### Official Languages

Spanish

#### Currency

Bolivar

#### Area

916 445 km<sup>2</sup>

#### Population

31.6 million

#### **Gross Domestic Product**

USD 510 billion USD 16 529 per capita

#### Country Telephone Code

58

# Air Transport Statistics

#### International Airports

11

#### **Domestic Airports**

41

# International Passenger Traffic

4 million passengers

#### International Cargo Traffic

72 904 metric tonnes

# National Airlines with International Services

11

#### Foreign Airlines

24

### **Preparing for Tomorrow**

- For the period 2016-2028, the National Institute of Civil Aeronautics (INAC) intends to focus much of its energy and resources on activities and projects contained in the National Air Navigation Plan (PNNA). The Plan is closely aligned with the ICAO 2013-2028 Global Air Navigation Capacity & Efficiency Plan, of which a central component is the Aviation System Block Upgrades (ASBU) framework designed to continuously strengthen aeronautical policies and practices within the country.
- The PNNA incorporates strategic guidelines for the development of air navigation in Venezuela. This shall guide the aeronautical sector for the short-, medium- and long-term, in the formulation of action plans and responsibilities of each stakeholder concerned. In this way, INAC will be able to reach the interrelated objectives of connectivity, safety, security and facilitation, capacity, quality assurance and efficiency of air navigation, economic development of air transport, competitiveness and environmental protection.

### Did You Know... Travel and Tourism

Venezuela, home of the Orinoco and the rippling Arauca River, of Margarita Island – "Pearl of the Caribbean", of Saint Angel fall and tepuis in the Guiana Highlands, of Pico Bolívar in the Venezuelan Andes, is a country blessed with the beauty of its mountains, plains, deserts and stunning coastline, where warm beaches, kind people, local drums and a caressing sun all blend to charm the visitor:

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# **Index of Advertisements**

 Aerodata 79, 132 Aéroports de Montréal 32, 35 Airbus Cover 4, 6 ASA International Training Centre (CIIASA) 277 Allied Air 115 Angola 46 ASECNA 78 Aviation Safety Management 44 Aviation Strategies International 304 Azman Air 122 CAA International (CAAI)
 11 • CAE Cover 3 • Chile 290, 291 • ENAC 199 Equatorial Guinea 90, 91 ExecuJet 124 Federal Airports Authority of Nigeria (FAAN) 116, 117 • France 197, 198 • IATA 2 Italy 208 Kenya 54, 55, 56 Kenya Airports Authority 58 Kenya Tourism Board 57 Malaysia 149, 150, 151 Med-View Airline 121 Nigeria 102 to 125 Nigeria Aerospace Management Agency (NAMA) 123 Nigeria Civil Aviation Authority 125 Nigeria College of Aviation Technology 107 Nigeria Meteorological Agency (NIMET) 119 Overland Airways 124 Seychelles 67 Singapore 167, 168, 169 Turkish Airlines 236



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