



Caribbean Aviation Safety and Security Oversight System



Aviation Safety Campaign
Miami, USA
11-12 July 2019



CARICOM
CARIBBEAN COMMUNITY
A Community for All



Caribbean Aviation Safety and Security Oversight System – CASSOS Introduction

Aviation Safety Campaign
Miami, Florida, United States, 11-12 July 2019
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Caribbean Aviation Safety and Security Oversight System

Introduction

It is an institution of the Caribbean Community (CARICOM) Secretariat pursuant to the Agreement by the Heads of State of the Caribbean Community concerning the establishment and Operation of the Caribbean Aviation Safety and Security Oversight System (CASSOS)



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Background/history

- In 2001, seven Member States of the CARICOM agreed to form*, under the aegis of the International Civil Aviation Organisation (ICAO), an Association of Civil Aviation Authorities of the Caribbean (ACAAC) with the interim Regional Aviation Safety Oversight System (RASOS) as its operating arm based in Jamaica
- The decision was based on:
 - the shared goals and the need for the orderly and safe development of aviation in the Region, and
 - the recognition of the need to collaborate in order to maximize the use of the Region's scarce resources.

*A MOU which set out the Association's main objectives was developed and signed by the Directors of Civil Aviation of Barbados, Belize, Guyana, Haiti, Jamaica, the Organisation of Eastern Caribbean States, Suriname and Trinidad and Tobago



Background/history cont.

From RASOS to CASSOS

In order to broaden the scope of its activities:

- The Agreement establishing the Caribbean Aviation Safety and Security Oversight System (CASSOS) entered into force on 3rd of July 2008



Launch

- CASSOS was formally launched in February 2009 at the Headquarters of the CARICOM Secretariat in Guyana
- CASSOS succeeds the RASOS, with functions that have been redefined and are broader in scope to include all the Annexes to the Chicago Convention
- The establishment of CASSOS with full juridical personality and its designation as an Institution of the Community by the Conference of Heads of Government* **are bold and forward steps that have elevated the status of aviation safety and security oversight in the Caribbean**
- Compliance with the standards established by ICAO, the sharing of technical resources, harmonization of regulatory processes and minimization of safety and security risks remains its focus

*pursuant to Article 21 of the Revised Treaty of Chaguaramas Establishing the Caribbean Community Including the CARICOM Single Market and Economy (the Revised treaty)



Mission

To grow a safe, secure, and vibrant civil aviation system, thereby making a key contribution to the development of the Region



Membership

The following Member States have signed the Agreement on the dates specified:

- Antigua and Barbuda (OECS) – 9 May 2008
- Barbados – 2 July 2008
- Dominica (OECS) – 9 May 2008
- Guyana – 2 July 2008
- Saint Lucia (OECS) – 3 July 2008
- St. Kitts and Nevis (OECS) – 9 May 2008
- St. Vincent and the Grenadines (OECS) – 6 June 2008
- Trinidad and Tobago – 3 July 2008

In accordance with Article XXI, the following States acceded to the Agreement following its entry into force on the dates specified:

- Suriname- (8 September 2009);
- Jamaica- (24 March 2010 signed the amended Agreement)

The CASSOS looks forward to the accession of Haiti one of the original signatories to ACAAC.

Associate members: Consideration for membership may also be given to other Civil Aviation Authorities of CARICOM and non-CARICOM Member States of the Caribbean sharing a common interest.

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CAR/SAM Distribution of CASSOS



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Composition

- **Board of Directors**
 - Directors General of Civil Aviation
- **Standing Committees**
 - AGA, AIG, AIR, ANS, AVSEC, ENV, FIN, OPS, PEL, REG, SMS
- **CASSOS Headquarters** (Host State: Jamaica)
 - Regional Manager, Safety
 - Office Manager



CASSOS Operations

- Operates under the direction of its Board of Directors (and via input from COTED - Council on Trade and Economic Development)
- Develops and implements cooperation in all the Strategic areas outlined by ICAO
- Facilitates sharing of expertise, resources, and information including the transnational deployment of Aviation Safety Inspectors in all specializations to any Member State
- Harmonizes standards, guidance material, training, inspection procedures and forms
- Co-ordinates training seminars and workshops aimed at equipping the region with skilled, trained aviation personnel
- Continue to pursue partnerships with other organisations in fulfilling its mandate e.g. FAA, TSA, EASA, ICAO NACC and SAM, UK CAA



CASSOS States Dashboard

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INDICATOR	VALUE
State Safety Oversight - Group Average <i>USOAP Overall EI(%)</i>	56.76%
State Safety Oversight - State Levels <i>Percentage of States with USOAP Overall EI above 60%</i>	36.36%
Significant Safety Concerns (SSCs) <i>Number of SSCs</i>	1
Accident Rate <i>Number of accidents per mil. departures over preceding 5 years</i>	3.81
IOSA – Airlines <i>Number of IOSA certified airlines in the region</i>	3
IOSA - State Levels <i>Percentage of States with IOSA certified airlines</i>	25%
EU Safety List <i>Number of States with restrictions</i>	1
USA FAA IASA <i>Number of States rated as Category 2</i>	0
PBN Implementation – Runways <i>Percentage of instrument runways with PBN approaches</i>	96.77%
PBN Implementation - State Levels <i>Percentage of States having PBN approaches on all instrument runways</i>	90.91%

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CASSOS States Universal Safety Oversight Audit – USOAP Effective Implementation (EI) by Audit area

1. AGA: aerodromes and ground aids
2. ANS: air navigation services
3. AIG: aircraft accident and incident investigation
4. AIR: airworthiness of aircraft
5. OPS: aircraft operations
6. PEL: personnel licensing and training
7. ORG: civil aviation organization
8. LEG: primary aviation legislation and civil aviation regulations



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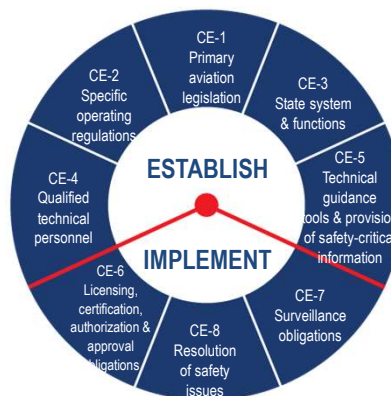
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CASSOS States

Universal Safety Oversight Audit – USOAP

Effective Implementation (EI) by CE area



Critical Element (CE)

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Aviation Benefits in LATAM/CAR

- LATAM/CAR: supports 7.2 million jobs and US\$156 billion in economic activity
 - 2.8% of all employment and 3.3% of all GDP in 2016
- CAR: total contribution of travel and tourism to its GDP is estimated in US\$57.1 billion in 2017 (15.2% of GDP)
 - Forecast to rise by 3.6% per annum to US\$84 billion by 2028 (17.8% of GDP)
 - Directly generated 758,000 jobs in 2017 (4.3% of total employment)

ATAG ABBB18 Report and WT&TC

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Aviation Partnership Initiatives

- ARCM-SAM (AIG Regional Cooperation Mechanism SAM)
- Canada: Safety Partnership
- COCESNA/ACSA: MOU
- European Union: EASA - Enhancing CASSOS Project
- IATA: Collaborative Safety Team – CST (pending MOU)
- ICAO HQs, NACC and SAM ROs
 - GASOS (Global Aviation Safety Oversight System)
 - RAIO-C (Regional Accident Investigation Organization – CAR)
- RASG-PA: member
- SRVSOP (Regional Safety Oversight System SAM)
- UK: CAA Safety Partnership
- USA: FAA Safety Partnership

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Second ICAO Air Transport Meeting for the Caribbean

Georgetown, Guyana, 21-23 November 2018

“The importance and role of the CASSOS was another critical area of important discussion during the Second ICAO Air Transport Meeting for the Caribbean, notably with respect for the need for States to support it as a viable solution to help them achieve compliance with ICAO SARPs.”

ICAO News Release 23 November 2018

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Regional Challenges

1. Human resources
2. Financial resources
3. Infrastructure
4. Traffic growth
5. Natural disasters



CASSOS Recognizes

- Aviation is one of the safest modes of transportation
- Aviation provides social and economic benefits globally and nationally
- Safety and infrastructure deficiencies pose a challenge to the growth of civil aviation, which has a detrimental effect on economic and social development



Summary

- CASSOS' goal is to achieve a minimum of 80% EI in all of its Member States. This will enhance the overall level of safety
- CASSOS provides technical assistance
- CASSOS promotes aviation partnership
- CASSOS continues focus on Regional priorities and monitors Regional safety trends
- CASSOS relies on State's support and cooperation





For additional información

Visit: www.cassos.org

Contact: echacin@cassos.org

Thank You!

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