Improvement of Aviation Safety in Africa – ICAO Perspective

Stephen P. Creamer
Director of the Air Navigation Bureau
International Civil Aviation Organization (ICAO)

3rd AFI Aviation Safety Symposium
28 June 2016, Malabo, Equatorial Guinea
Improvement of Aviation Safety in the AFI Region – ICAO Perspective

GLOBAL STATUS
Global Accident Rate

Scheduled commercial above 5 700kg for 2011 - 2015

Global accident rate continues to be stable
Percentage of All Accidents (2015*)

*Note: No CFIT accidents for scheduled commercial in 2015
ICAO ANNUAL SAFETY REPORT
2016 EDITION
Improvement of Aviation Safety in the AFI Region – ICAO Perspective

Source: iSTARS 3.0 – MAP Builder (https://portal.icao.int/space)
Regional Success Stories

SAFE Funded Technical Assistance Projects in Africa

**Regional Status**

SAFE Funded Technical Assistance Projects in Africa

**AFCAC AFI-CIS**
Regional Cooperative Inspectorate Scheme

**CASSOA RSOO**
Sub-regional OPS assistance activities

**Zambia**
- EI improved from 47% (2012) to 62% (2016), reaching the GASP target

**Madagascar**
- Removed from EU safety list
Regional Success Stories

Resolution of Significant Safety Concerns since last AFI Aviation Week (2015)

Sierra Leone
- SSC resolved in January 2016

Botswana
- 2 SSCs resolved in December 2015
Scheduled ICAO Safety Audits and ICVMs (2016-2017)

EB 2016/36
Global and African Accident Rates

Scheduled commercial above 5 700kg for 2008 - 2015

Average accident rate for Africa is significantly higher than the global average.

Source: iSTARS 3.0 – Regional Safety Briefing (https://portal.icao.int/space)
Risk Distribution for the Top 3 Safety Priorities

Scheduled commercial above 5 700kg for 2011 - 2015

AFRICA

Continue focus on the Top 3 Safety Priorities (RS, CFIT, LOCI)

Source: iSTARS 3.0 – ADREP et al. (https://portal.icao.int/space)
ICAO Safety Audit Results for Africa

Effective implementation of safety oversight systems by State

Regional Average: 48%

Source: iSTARS 3.0 – Regional Safety Briefing (https://portal.icao.int/space)
**Significant Safety Concerns (SSCs)**

SSCs indicate that a State is not providing sufficient safety oversight to ensure the effective implementation of applicable ICAO Standards. SSCs may be issued in the area of operations, air navigation services, aerodromes, airworthiness or licensing.

Africa has 4 States with a total of 4 SSCs.

<table>
<thead>
<tr>
<th>State</th>
<th>SSCs</th>
<th>Airworthiness</th>
<th>Operations</th>
<th>Licensing</th>
<th>Aerodromes</th>
<th>Air Navigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angola</td>
<td>1</td>
<td>0</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Djibouti</td>
<td>1</td>
<td>0</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eritrea</td>
<td>1</td>
<td>0</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malawi</td>
<td>1</td>
<td>0</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Focus on the resolution of **Significant Safety Concerns (SSCs)** and ensure that ‘**No Country is Left Behind**’

*Source: iSTARS 3.0 – Regional Safety Briefing ([https://portal.icao.int/space](https://portal.icao.int/space))*
More work needs to be done...

Global and regional objectives are yet to be fully achieved

However, we are on the right direction

Through ‘No Country Left Behind’, AFI Plan, and other initiatives
3rd ICAO Council Off-site Meeting
Building Partnerships for Global Aviation Development

Political Will

Standards and Recommended Practices (SARPs)

ICAO Global, Regional, and Local Plans

Effective Implementation

Planning & Implementation

Capacity Building

Development Plans
- CAA Master Plan
- USOAP CAP
- Plans of Action
- ENV Action Plan
- Etc.

Effective Implementation (EI)

Infrastructure Investment

Institutions
Personnel
Procedures
Nat’l Budget
Donors
PPPs

UN ODA Banks

Advocacy for Aviation Development

Identification of needs
Feasibility Analyses
Project Management
Quality Assurance and Monitoring

FOSTER
AVIATION PARTNERSHIPS FOR SUSTAINABLE DEVELOPMENT

2016 EDITION - 26 SEPTEMBER, ICAO HQ MONTRÉAL
THANK YOU!

28 June 2016