USOAP Continuous Monitoring Approach (CMA) Workshop

Module 2
Update Overview of the USOAP CMA
Objective

The objective of this module is to provide an updated overview of the USOAP CMA methodology.
Outline

- USOAP CMA
- Components of the USOAP CMA
  - Collection of safety information
  - Determination of State safety risk profile
  - Prioritization and conduct of USOAP CMA activities
  - Update on Lack of Effective Implementation (LEI) and status of Significant Safety Concerns (SSCs)
- Critical Elements (CEs) of the safety oversight system
- USOAP audit areas
- Annex 19 – Safety Management
- USOAP CMA computer-based training (CBT)
USOAP CMA

Continuous monitoring

Planning and scheduling

On-site activities

Online Framework

Reports, analyses and working papers

Training and workshops
Components of the USOAP CMA
USOAP CMA components

- States
- Internal stakeholders
- External stakeholders

Collection of safety information

- Mandatory Information Requests (MIRs)
- Protocol findings
- Significant Safety Concerns (SSCs)
- Corrective Action Plans (CAPs)

Determination of State safety risk profile

- Analysis of safety risk factors
- Evaluation of State’s safety management capabilities

Update of LEI and status of SSCs

Prioritization and conduct of USOAP CMA activities

- CSA audits
- Safety audits
- ICAO Coordinated Validation Missions (ICVMs)
- Online monitoring activities
States provide:

- The State Aviation Activity Questionnaire (SAAQ);
- Compliance Checklists (CCs) or Electronic Filing of Differences (EFOD);
- The self-assessment; and
- Updated CAPs.
Collection of safety information

Internal stakeholders include:

- ICAO Secretariat Bureaus/Sections; and
- Regional Offices (ROs).
External stakeholders include:

- Airports Council International (ACI);
- Civil Air Navigation Services Organization (CANSO);
- European Aviation Safety Agency (EASA);
- European Commission (EC);
- EUROCONTROL;
- Interstate Aviation Committee (IAC);
- International Air Transport Association (IATA); and
- other national, regional, supranational and international organizations recognized by ICAO.

Note: These organizations conduct activities that generate safety information.
Collection of safety information

Update of LEI and status of SSCs

Determinaton of State safety risk profile

Prioritization and conduct of USOAP CMA activities
Determination of State safety risk profile
Determination of State safety risk profile

Safety risk factors include, but are not limited to:

• Previous USOAP activity results;
• Level of air traffic in the State; and
• Progress made by the State in resolving USOAP deficiencies.
Determination of State safety risk profile

Safety risk indicators:
• are monitored by ICAO HQ on an ongoing basis; and
• include, but are not limited to:
  – LEI vs. air traffic (exposure);
  – Existence of SSC(s);
  – Level of aviation activities for each audit area;
  – Projected growth of aviation activities;
  – Level of acceptability of State’s CAPs;
  – Progress in implementation of State’s CAPs;
  – Ongoing or planned assistance projects; and
  – Major changes in the organizational structure.
LEI versus Traffic

Description

The below chart shows LEI versus commercial scheduled departures in 2011 per State for a defined group of States.

You can select a group of States from the drop-down menu. If a specific group of States does not exist, you can create that group through the "Manage my groups" section on the left. You can also view the composition of a selected group.

The LEI values may differ slightly from those published in the USCAP audit reports that were published from the period 2006 to 2010 due to changes in the LEI calculation algorithm as well as changes in the protocol question grouping structure performed since the State's audit.

Select a group

WORLD (Woros Marco, 1913 hits)
Safety risk indicators:

• are monitored by ICAO HQ on an ongoing basis; and

• include, but are not limited to:
  – LEI vs. air traffic (exposure);
  – Existence of SSC(s);
  – Level of aviation activities for each audit area;
  – Projected growth of aviation activities;
  – Level of acceptability of State’s CAPs;
  – Progress in implementation of State’s CAPs;
  – Ongoing or planned assistance projects; and
  – Major changes in the organizational structure.
## Appendix 1 — Level of Aviation Activity in Each Technical Area

<table>
<thead>
<tr>
<th>Area</th>
<th>Personnel Licensing and Training (PEL)</th>
<th>Aircraft Operations (OPS)</th>
<th>Airworthiness (AIR)</th>
<th>Air Navigation Services (ANS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>Low (&lt; 5)</td>
<td>Low (&lt; 5)</td>
<td>Low (&lt; 5)</td>
<td>Low (&lt; 200)</td>
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<tr>
<td>Medium</td>
<td>Medium</td>
<td>Medium</td>
<td>Medium</td>
<td>Medium – High</td>
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<tr>
<td>Medium – High</td>
<td>Medium – High</td>
<td>Medium – High</td>
<td>Medium – High</td>
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<tr>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Activity</th>
<th>Low (&lt; 5)</th>
<th>Medium</th>
<th>Medium</th>
<th>Medium – High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot licences issued/validated</td>
<td>&lt; 200</td>
<td>201 – 500</td>
<td>501 – 1,000</td>
<td>(3027/56)</td>
</tr>
<tr>
<td>Aircraft maintenance licences issued/validated</td>
<td>1 – 50</td>
<td>51 – 200</td>
<td>201 – 500</td>
<td>(929/0)</td>
</tr>
<tr>
<td>Air traffic controller licences issued/validated</td>
<td>1 – 50</td>
<td>51 – 200</td>
<td>(205/0)</td>
<td>501 – 1,000</td>
</tr>
<tr>
<td>Flight Crew Training Organizations</td>
<td>1 – 5</td>
<td>(31)</td>
<td>21 – 100</td>
<td>&gt; 100</td>
</tr>
<tr>
<td>Flight Crew Examiners designated by the State</td>
<td>1 – 20</td>
<td>(30)</td>
<td>101 – 500</td>
<td>&gt; 500</td>
</tr>
<tr>
<td>Aircraft Operator Certificates (AOCs) issued and valid</td>
<td>6 – 10</td>
<td>(16)</td>
<td>&gt; 30</td>
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<tr>
<td>New AOCs issued in the past year</td>
<td>(0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aircraft registered in the State</td>
<td>&lt; 50</td>
<td>51 – 100</td>
<td>101 – 500</td>
<td>(1310)</td>
</tr>
<tr>
<td>Valid Certificates of Airworthiness</td>
<td>&lt; 50</td>
<td>51 – 100</td>
<td>101 – 500</td>
<td>(759)</td>
</tr>
<tr>
<td>Domestic Approved Maintenance Organizations (AMOs)</td>
<td>&lt; 5</td>
<td>6 – 10</td>
<td>11 – 30</td>
<td>(69)</td>
</tr>
<tr>
<td>Approved production organizations</td>
<td>(0)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Type Certificates (TCs) issued</td>
<td>(0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aircraft movements (international + domestic) — landings and take offs: Current year</td>
<td>&lt; 200 (daily)</td>
<td>201 – 500 (daily)</td>
<td>501 – 1,000 (daily)</td>
<td>&gt; 1,000 (daily)</td>
</tr>
<tr>
<td></td>
<td>Jan to March: (210)</td>
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</tr>
</tbody>
</table>
Determination of State safety risk profile

Safety risk indicators:

• are monitored by ICAO HQ on an ongoing basis; and
• include, but are not limited to:
  – LEI vs. air traffic (exposure);
  – Existence of SSC(s);
  – Level of aviation activities for each audit area;
  – Projected growth of aviation activities;
  – Level of acceptability of State’s CAPs;
  – Progress in implementation of State’s CAPs;
  – Ongoing or planned assistance projects; and
  – Major changes in the organizational structure.
Determination of State safety risk profile

Safety risk factors
- Previous USOAP activity results
- Level of traffic in the State
- Progress made by the State in resolving USOAP deficiencies

Safety risk indicators
- LEI vs. traffic (exposure)
- Existence of SSC(s)
- Level of aviation activities for each audit area
- Projected growth of aviation activities
- Level of acceptability of State’s CAPs
- Progress in implementation of State’s CAPs
- Ongoing or planned assistance projects
- Major changes in the organizational structure

Safety risk profile
- CMO determines the safety risk profile which is generated by determining safety risk factors and indicators.
Collection of safety information

Determination of State safety risk profile

Update of LEI and status of SSCs

Prioritization and conduct of USOAP CMA activities
States are prioritized by CMO, based on their safety risk profile and information including:

- Input from the States/ROs on States’ progress in implementing their CAPs;
- Input from the States/ROs on States’ progress in resolving identified SSCs; and
- Specific requests from States/ROs for conduct of a USOAP CMA activity.
Prioritization and conduct of USOAP CMA activities

The scope of an ICVM is based on:

- Level of aviation activity in the State;
- State’s self-assessment;
- Level of progress reported by State in implementing CAPs;
- Level of progress reported by States in addressing not satisfactory PQs; and
- Request by a State (cost-recovery ICVM).

Duration of an ICVM is determined by the scope.
The scope of an audit (safety/CSA) is based on:

- All relevant PQs;
- Level of aviation activity in the State;
- State’s self-assessment; and
- Request by the State (cost-recovery audit).

Duration of an audit is determined by the scope.
Collection of safety information

Determination of State safety risk profile

Update of LEI and status of SSCs

Prioritization and conduct of USOAP CMA activities
Lack of Effective Implementation (LEI)

- The validation of collected safety information enables ICAO to continuously update the LEI of the safety oversight capability of a State.

- State LEI for the previous audit cycle is reported on iSTARS.
Lack of effective implementation (LEI)

• PQs have been revised and updated and will become applicable in May 2013.

• The implementation of the new/amended PQs will result in minor impact to States’ LEI due to the deletion of some PQs, adding of new PQs and merging of existing PQs with others.

• Mapping between the previous and new/amended PQs will be covered in more detail in Module 3.
Previous overall LEI calculation method

For calculation of overall LEI under the previous audit cycle (CSA 2005-2010), LEI for each CE was calculated

$$\text{CE}(X) \text{ LEI (\%)} = \frac{\text{number of not satisfactory PQs}}{\text{total number of applicable PQs}} \times 100$$

Then, the 8 LEIs for each CE were averaged.

$$\text{Overall LEI (\%)} = \frac{\text{CE1}+\text{CE2}+\text{CE3}+\text{CE4}+\text{CE5}+\text{CE6}+\text{CE7}+\text{CE8}}{8}$$
LEI calculation as of May 2013

For calculation of LEI under USOAP CMA, the total number of not satisfactory PQs are divided by the total number of applicable PQs (the total number of PQs, minus added PQs, minus not applicable PQs).

Overall LEI (%) = \[
\frac{\text{total number of not satisfactory PQs}}{\text{total new PQs} - \text{added PQs} - \text{not applicable PQs}} \times 100
\]
• Overall LEI results have changed since the CSA cycle due to the following:
  
  – 5 PQs which had no CEs associated with them;
  – Some PQs have been assigned to a different CE; and
  – Formula for calculating overall LEI has changed

• This has caused minor changes to the LEI of all States.
A Mandatory Information Request (MIR) can be issued by CMO when:

- SAAQ, CCs and/or PQs are not submitted, are outdated or are contradictory to other available information;
- CAPs are not submitted or are not kept up-to-date by State;
- Available information is insufficient; and/or
- Concerns are raised by internal/external stakeholders.
Mandatory Information Request (MIR)

- States are required to provide status of PQ compliance using the “manage State self-assessment” tool on the OLF.

- CMO may communicate with States through MIRs to seek additional information with respect to compliance with requirements.
Status of PQs may be changed through the validation process conducted by CMO based on:

- CAPs or other information received from States, supported by appropriate evidence; and
- Information received from ICAO ROs, recognized organizations and other stakeholders.

Status of PQs may also change based on information received from States in response to MIRs.
Update of LEI

With the new online monitoring activities, CMO may review and validate off-site some PQs related to CE-1 to CE-5.

However, validation of PQs related to CE-6, CE-7, and CE-8 will typically require an on-site activity.
“SSC occurs when the audited State allows the holder of an authorization or approval to exercise the privileges attached to it, although the minimum requirements established by the State and by the Standards set forth in the Annexes to the Chicago Convention are not met, resulting in an immediate safety risk to international civil aviation.”

Reference: EB 2010/7 dated 19 February 2010
Status of SSCs (as of 08 March 2013)

- SSCs unresolved in **13** States: 20
- SSCs resolved through corrective actions taken by the States: 14
- SSCs resolved by immediate actions taken by the States prior to being posted on the ICAO website: 7
Bottom line: The SSC mechanism is working!
Status of SSCs

Mechanism

Continuous monitoring process
Ongoing monitoring of evidence and information collected from the State and other sources

USOAP CMA on-site activity

Evidence collected points to a SSC
- Team leader brings it to the attention of the State as soon as it is discovered
- State may initiate corrective actions immediately
- Team leader provides all relevant information to C/CMO

Preliminary SSC identified

SSC Committee convened to validate
Status of SSCs – Mechanism (cont’d)

MEMBER STATES

ICAO SSC COMMITTEE

STATE

Review of evidence collected
(design to confirm/dismiss made within 15 days)
SSC initial notification letter

Review State response and evidence

Suggested immediate actions to resolve SSC
OR

Corrective actions insufficient

Submit response and evidence
(within 15 days)

SSC resolution letter

SSC confirmation letter
advise State SSC will be published on the OLF

Publish SSC on the OLF and the Electronic Bulletin
ICAO PLAN OF ACTION

MARB
- List of States referred to MARB
- Report to Council
- MARB decides next course of action

ICAO – ANB, TCB
- Determine nature of assistance
- Share ICAO Plan of Action for review to ensure “one ICAO”
- Collect and consolidate feedback
- Communicate with donors (State, SAFE, SCAN, other)

REGIONAL OFFICE
- In cooperation with the State develop State specific ICAO Plan of Action
- Finalize and present ICAO Plan of Action to State
- Monitor the implementation of the ICAO Plan of Action

STATE
- Accept ICAO Plan of Action
- Continue participation in USOAP CMA process

COUNCIL
- If ICAO project, draft, review, and approve project document. Implement and monitor project.
- Monitor progress
- Report to Council

Unsatisfactory
Satisfactory
Status of SSCs – Mechanism (cont’d)

ICAO SSC COMMITTEE

- Review State progress and evidence
- Recommend conduct of ICVM to verify implementation
- Corrective actions insufficient
  - OR
  - Corrective actions sufficient to resolve SSC

STATE

- Continue to update progress on corrective action plans (CAPs)
- Complete State self-assessment
- Advise ICAO that SSC is resolved

MEMBER STATES

- Immediately remove SSC from USOAP CMA Online Framework
- Publish SSC resolution in Electronic Bulletin
- Report SSC resolution to MARB

SSC resolution letter
Critical Elements of the safety oversight system
Critical Elements of an Effective Safety Oversight System

ESTABLISH

IMPLEMENT

1. Legislation
2. Operating Regulations
3. Organization, Safety Oversight Functions
4. Technical Experts’ Training
5. Guidance, Procedures & Infos
6. Licensing & Certification Obligations
7. Surveillance & Inspection Obligations
8. Resolution of Safety Concerns
ICAO carries out Safety and CSA audits to determine Member States’ safety oversight capabilities. These audits include:

- Assessing the effective implementation of the eight CEs of a safety oversight system; and

- Verifying the status of the Member States’ implementation of:
  - all safety-related ICAO SARPs;
  - associated procedures;
  - guidance materials; and
  - best practices.
CEs of the safety oversight system

CE-1: Primary aviation legislation

- The State shall promulgate a comprehensive and effective aviation law, consistent with the size and complexity of the State’s aviation activity and with the requirements contained in the Convention on International Civil Aviation, that enables the State to regulate civil aviation and enforce regulations through the relevant authorities or agencies established for that purpose.

- The aviation law shall provide personnel performing safety oversight functions access to the aircraft, operations, facilities, personnel and associated records, as applicable, of service providers.
CE-2: Specific operating regulations

• The State shall promulgate regulations to address, at a minimum, national requirements emanating from the primary aviation legislation, for standardized operational procedures, products, services, equipment and infrastructures in conformity with the Annexes to the Convention on International Civil Aviation.

Note.— *The term “regulations” is used in a generic sense and includes but is not limited to instructions, rules, edicts, directives, sets of laws, requirements, policies, and orders.*
CE-3: State system and functions

• The State shall establish relevant authorities or agencies, as appropriate, supported by sufficient and qualified personnel and provided with adequate financial resources. Each State authority or agency shall have stated safety functions and objectives to fulfill its safety management responsibilities.

• The State shall ensure that inspectors are provided with guidance that addresses ethics, personal conduct and the avoidance of actual or perceived conflicts of interest in the performance of official duties.

Note.— In addition, Appendix 5 to Annex 6, Part I, and Appendix 1 to Annex 6, Part III, require the State of the Operator to use such a methodology to determine its inspector staffing requirements. Inspectors are a subset of personnel performing safety oversight functions.
CE-4: Qualified technical personnel

- The State shall establish minimum qualification requirements for the technical personnel performing safety oversight functions and provide for appropriate initial and recurrent training to maintain and enhance their competence at the desired level.

- The State shall implement a system for the maintenance of training records.
CE-5: Technical guidance, tools and provision of safety-critical information

- The State shall provide appropriate facilities, comprehensive and up-to-date technical guidance material and procedures, safety critical information, tools and equipment, and transportation means, as applicable, to the technical personnel to enable them to perform their safety oversight functions effectively and in accordance with established procedures in a standardized manner.

- The State shall provide technical guidance to the aviation industry on the implementation of relevant regulations.
CEs of the safety oversight system

CE-6: Licensing, certification, authorization and/or approval obligations

- The State shall implement documented processes and procedures to ensure that personnel and organizations performing an aviation activity meet the established requirements before they are allowed to exercise the privileges of a license, certificate, authorization and/or approval to conduct the relevant aviation activity.
CE-7: Surveillance obligations

- The State shall implement documented surveillance processes, by defining and planning inspections, audits, and monitoring activities on a continuous basis, to proactively assure that aviation license, certificate, authorization and/or approval holders continue to meet the established requirements. This includes the surveillance of personnel designated by the Authority to perform safety oversight functions on its behalf.
CE-8: Resolution of safety issues

- The State shall use a documented process to take appropriate corrective actions, up to and including enforcement measures, to resolve identified safety issues.

- The State shall ensure that identified safety issues are resolved in a timely manner through a system which monitors and records progress, including actions taken by service providers in resolving such issues.
The definitions of the eight CEs of a safety oversight system are now an Appendix of Annex 19.

Guidance on the eight CEs is provided in ICAO Doc 9734, Part A.
Evolution of Transparency

**STATES**

- **1997**: Voluntary Assessment Programme, Fully Confidential (Annexes 1-6-8)
- **1999**: USOAP Audit Summary Reports to all States (Annexes 1-6-8)
- **2005**: USOAP CSA Audit results full transparency to all States
- **2006**: SSC introduced, fast track notification to all States (restricted web site)
- **2001**: Generic, non-State specific LEI results globally and by region
- **2005**: Public access to LEI, Critical Element results by State. All States provided consent
- **2006**: Mechanism to make full USOAP results available to the public with State consent. 1st cycle audits 45% of States
- **2014**: Unresolved SSCs to be made available to the public in the format and conditions approved by Council

**PUBLIC**

- **2001**: Generic, non-State specific LEI results globally and by region
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### Evolution of Transparency

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>Voluntary Assessment Programme, Fully Confidential (Annexes 1-6-8)</td>
</tr>
<tr>
<td>1999</td>
<td>USOAP Audit Summary Reports to all States (Annexes 1-6-8)</td>
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<tr>
<td>2014</td>
<td>Unresolved SSCs to be made available to the public in the format and conditions approved by Council</td>
</tr>
</tbody>
</table>

#### Table: Level of Implementation of the Critical Elements of a Safety Oversight System

<table>
<thead>
<tr>
<th>Critical Element</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
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</thead>
<tbody>
<tr>
<td>Primary Aviation Legislation</td>
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<td>Specific Operating Regulations</td>
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<tr>
<td>State Civil Aviation System and Safety Oversight Function</td>
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<tr>
<td>Technical Personnel Qualification and Training</td>
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<tr>
<td>Technical Guidance, Tools and the Provision of Safety-Critical Information</td>
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<tr>
<td>Licensing, Certification, Authorization and Approval Obligations</td>
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<tr>
<td>Surveillance Obligations</td>
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<td>Resolution of Safety Concerns</td>
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<td>10</td>
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</tbody>
</table>
ICAO has identified a significant safety concern with respect to the ability of [State] to properly oversee the [insert airlines (air operators); airports; aircraft; or air navigation services, as applicable] under its jurisdiction. This does not necessarily indicate a particular safety deficiency in the [insert airlines (air operators); airports; aircraft; or air navigation services, as applicable] but, rather, indicates that the State is not providing sufficient safety oversight to ensure the effective implementation of applicable ICAO Standards. Full technical details of the ICAO findings have been made available to [State] to guide rectification, as well as to all ICAO Member States to facilitate any actions that they may consider necessary to ensure safety. [State] has undertaken to regularly report progress on this matter to ICAO.
As of January 2013, safety oversight information is available on the [ICAO public website](http://www.icao.int/safety/Pages/USOAP-Results.aspx).

### Safety Oversight Information

**USOAP Continuous Monitoring Approach (CMA) Activities - Results**

**Description**

This information has been generated and updated from the former ICAO Flight Safety Information Exchange (FSIX) website. You can use the search box to find a State and then compare the result of its last USOAP CMA activity with the global average or any other State on the list. The Level of Implementation of each Audit Area is rated from 0 to 10, with 0 being "not implemented" and 10 being "fully implemented".

**Level of Implementation**

![Graph showing Level of Implementation](Image)

#### Legislation

<table>
<thead>
<tr>
<th>State</th>
<th>Audit period</th>
<th>Progress validation period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>01-Dec to 10-Dec-2009</td>
<td>15-Feb to 18-Feb-2010</td>
</tr>
<tr>
<td>Algeria</td>
<td>31-May to 09-Jun-2011</td>
<td>Compare</td>
</tr>
<tr>
<td>Andorra</td>
<td>26-Feb to 28-Feb-2007</td>
<td>Compare</td>
</tr>
<tr>
<td>Angolia</td>
<td>26-Nov to 05-Dec-2008</td>
<td>Compare</td>
</tr>
<tr>
<td>Antigua and Barbuda</td>
<td>05-Nov to 14-Nov-2007</td>
<td>Compare</td>
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<tr>
<td>Argentina</td>
<td>25-Nov to 05-Dec-2008</td>
<td>Compare</td>
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</table>
USOAP CMA audit areas
USOAP CMA audit areas

Primary aviation legislation and civil aviation regulations (LEG)
  Chicago Convention

Civil aviation organization (ORG)
  SAAQ

Personnel licensing and training (PEL)
  Annex 1

Aircraft operations (OPS)
  Annexes 6, 9, 18 and PANS-OPS

Airworthiness of aircraft (AIR)
  Annexes 6, 7, 8 and 16

Aircraft accident and incident investigation (AIG)
  Annex 13

Air navigation services (ANS)
  Annexes 2, 3, 4, 5, 10, 11, 12, 15 and PANS-ATM

Aerodromes and ground aids (AGA)
  Annex 14
Annex 19 – Safety Management
The Air Navigation Commission, at the fourth and fifth meetings of its 190th Session on 8 May 2012, considered proposals developed by the Safety Management Panel (SMP) to transfer the provisions on safety management responsibilities and processes from existing Annexes for consolidation in new Annex 19 — Safety Management, and related consequential amendment proposals to existing Annexes developed by the Secretariat.

The proposed new Annex 19 and consequential amendments to Annexes 1, 6, 8, 11, 13 and 14, Volume I are envisaged for applicability on 14 November 2013.
Annex 19 is a consolidation of safety management related SARPs from Annexes 1, 6, 8, 11, 13 and 14, Vol 1.

The foundation of a proactive safety strategy is based on the implementation of the State Safety Programme (SSP) of a State and Safety Management System (SMS) of the service providers.
SSP roll-out and effect on USOAP CMA

The ICAO Secretariat will be proposing to Council a detailed roll-out plan of the SSP to guide States in its implementation.

The roll-out will include details on how USOAP CMA will monitor the implementation of the SSP.
The 4 components of the SSP framework are:

- State safety policy and objectives;
- State safety risk management;
- State safety assurance; and
- State safety promotion.
USOAP CMA CBT
As per EB 2011/44, the first series of computer-based training (CBT) was launched to:

- Provide participants with a thorough understanding of the USOAP CMA methodologies and the essential knowledge required to participate in USOAP CMA activities; and

- Serve as an opportunity for States to enhance the competencies of their aviation safety personnel in the areas addressed by USOAP CMA.
USOAP CMA CBT

- Based on Assembly Resolution A37-5, States and recognized organizations are reminded and are called upon to nominate experts for secondment to ICAO on a long-or short-term basis to support USOAP CMA.

- CMO is currently working on revising the CBT material, to be made available in the 2nd quarter of 2013.

- Those who have already completed the online course will be registered once again to go over the revised course material without having to write another exam.

- The PEL CBT will be available by May 2013.
Review

- USOAP CMA
- Components of the USOAP CMA
  - Collection of safety information
  - Determination of State safety risk profile
  - Prioritization and conduct of USOAP CMA activities
  - Update on Lack of Effective Implementation (LEI) and status of Significant Safety Concerns (SSCs)
- Critical Elements (CEs) of the safety oversight system
- USOAP audit areas
- Annex 19 – Safety Management
- USOAP CMA computer-based training (CBT)