Air Operator Certificates (AOC) 
& 
Operations Specifications 
Module 1
Agenda

- Day 1 – Module 1:
  - Background
  - Benefits
  - Pros and Cons

- Day 2 – Module 2:
  - AOC Register specifications
  - Upload of real data
  - Practical exercises
  - Next steps

26 March 2014
Background

The On-line ICAO Air Operator Certificate (AOC) register had been developed by ICAO, IATA and the Civil Aviation University of China (CAUC) following a resolution of the 36th ICAO Assembly.

Endorsed by the ICAO Council and the high level IATA Operations Committee.

As of March 2014, activity includes

- **43** States registered,
- **75** operators registered
- **48** validated AOCs entered
Component of the ONLINE AIRCRAFT SAFETY INFORMATION SYSTEM (OASIS) toolbox

OASIS provides

✓ One-stop access to aircraft related safety data
✓ Platform to enter, validate and modify data at source
✓ Collection and sharing of data
Components of the OASIS toolbox are:

- Aircraft Registration System (ARS),
- Air Operator Certificate Register (AOC),
- Aircraft Type Designators (Doc 8643) 2015
- Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services (Doc 8585) 4th quarter 2014
- Others...
WHAT IS THE AOC REGISTER?

26 March 2014
Benefits

- Effective & efficient foreign operator surveillance
- Transparency on validity & currency of AOCs
- Transparency on Operations Specifications
- Reduced burden on maintaining AOCs and Operations Specifications current on fleet
- Reduced burden to maintain current info required by States (Phase II)
Annex 6 Part I

- Standardized AOC and Operation Specification

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**International Civil Aviation Organization**

**AIR OPERATOR CERTIFICATE**

<table>
<thead>
<tr>
<th>CANADA</th>
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<tr>
<td><strong>AOC</strong>: 123456789</td>
<td><strong>Transport Canada</strong></td>
</tr>
<tr>
<td><strong>Expiry Date</strong>: Valid until suspended, cancelled or revoked</td>
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</tr>
<tr>
<td><strong>Dba Trading Name</strong>: WestJet</td>
<td><strong>WestJet Canada</strong></td>
</tr>
<tr>
<td><strong>Operator Address</strong>: 001-514-888-8888</td>
<td></td>
</tr>
<tr>
<td><strong>Telephone</strong>: 001-514-888-8888</td>
<td></td>
</tr>
<tr>
<td><strong>Fax</strong>: 001-514-888-8888</td>
<td></td>
</tr>
<tr>
<td><strong>E-mail</strong>: <a href="mailto:abc@abc.com">abc@abc.com</a></td>
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**OPERATIONAL POINTS OF CONTACT**

Contact details, at which operational management can be contact without undue delay for issues related to flight operations, airworthiness, flight and cabin crew competency, dangerous goods and other matters as appropriate, are listed as follows.

<table>
<thead>
<tr>
<th>Flight Operations</th>
<th>Airworthiness</th>
<th>Flight Cabin Crew Competency</th>
<th>Dangerous Goods</th>
<th>Other Matters</th>
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<td>E-mail: <a href="mailto:abc@abc.com">abc@abc.com</a></td>
</tr>
</tbody>
</table>

This certifies that WestJet Canada is authorized to perform commercial air operations, as defined in the attached operations, in accordance with the operations manuals and the requirements prescribed in the current Annex III of section 123 as regards common technical requirements and administrative procedures applicable to commercial transportation by aeroplane.

**Date of issue**: 15-MAY-2012

**Name and Signature**: John Doe

**Title**: Senior something
### OPERATIONS SPECIFICATIONS

(subject to the approved conditions in the operations manual)

<table>
<thead>
<tr>
<th>ISSUING AUTHORITY CONTACT DETAILS¹</th>
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<tbody>
<tr>
<td>Telephone: ______________________</td>
<td></td>
</tr>
<tr>
<td>Fax: ___________________________</td>
<td></td>
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<tr>
<td>E-mail: _________________________</td>
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</table>

AOCD²: ___________________  Operator name³: ___________________  Date⁴: ___________________  Signature: ___________________

DBA trading name: ___________________

Aircraft model⁶:

Types of operation:  Commercial air transportation ✗  Passengers ✗  Cargo ✗  Other⁸: ___________________

Area(s) of operation⁷:

Special limitations⁸:

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<th>SPECIAL AUTHORIZATIONS</th>
<th>YES</th>
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<th>SPECIFIC APPROVALS⁹</th>
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<td>Dangerous goods</td>
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<td>Navigation specifications for PBN operations¹⁵</td>
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<td>Maximum diversion time¹⁴: _______ minutes</td>
<td>¹⁶</td>
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<tr>
<td>Continuing airworthiness</td>
<td>✗</td>
<td></td>
<td></td>
<td>¹⁷</td>
</tr>
<tr>
<td>Other¹⁸</td>
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</table>
How to enter data

- Data entry methods

  - XML
  - Excel template
  - On-line

AOCs & Operations Specifications
AOC On-line register

AOC system Version 1.0 was launched in July 2013 and allows States to:

- upload a dataset of required AOC and operations specifications data, complemented by optional data;
- Validate AOCs entered by Operators of their State (should that access be granted);
- search and view AOC and operations specifications issued by other States;
- print AOC and operations specifications in Annex 6 compliant format;
- provide validation access for the Operators’ uploaded AOCs and operations specifications
AOC allows Operators to:

- upload a dataset of their AOC and operations specifications data, complemented by other optional documents;
- search and view their AOC and operations specifications;
- print AOC and operations specifications in Annex 6 compliant format
How

- Effective & efficient foreign operator surveillance
  - Recommend foreign operators have their AOC and operation specification data in system
- Transparency on validity & currency of AOCs (Local)
  - Work with us to streamline the uploading of your AOC’s and operation specifications into the register
Progress

- Having access 24/7 to the AOC Registry, the Safety inspectors will be able to produce an accurate report and reduce safety operational risks.
- The effectiveness of the database depends on the ability and willingness of ICAO Member States to provide input into the system,
- The iKit Demo (available for tablets and mobile) is available:

  [http://www.icao.int/safety/OASIS/Pages/aoc_ikit.aspx](http://www.icao.int/safety/OASIS/Pages/aoc_ikit.aspx)
BENEFITS, EFFICIENCIES, NEXT STEPS
Next Steps

- AOC System adjustments based on States current maintenance of their AOCs and Ops Specs.

- Go-Teams have been set for 2014
  - Lima, Peru – LATAM, 26-28 March 2014
  - Dakar, Senegal - 19-20 May 2014
  - Paris, France – 14-16 May 2014
  - Beijing, China - July 2014
  - Mexico City, Mexico - September 2014
  - Bangkok, Thailand - October 2014
  - Dubai, UAE - November 2014

- http://www.iata.org/events/Pages/aoc-registry-workshop.aspx
Benefits

- Effective & efficient foreign operator surveillance
- Transparency on validity & currency of AOCs
- Transparency on Operations Specifications
- Reduced burden on maintaining AOCs and Operations Specifications current on fleet
- Reduced burden to maintain current info required by States (Phase II)
Benefits for Safety

- Component of an integrated of OASIS
- Allows efficient implementation of elements of the Manual of Procedures for Operations Inspection, Certification and Continued Surveillance (DOC-8335)
Benefits for Efficiency

- Various methods available to update and maintain information
- Information easily disseminated to those that need it.
- Data Structure fully compliant with Appendix 6 of Annex 6 Part 1 requirements for AOCs and Operations Specifications.
Encountered Cost

What type are costs are associated with current handling of AOCs & Operation Specifications

- Administration
- Fees
- Labour Intensive
- Outdated document onboard delays aircraft ramp inspection
- Time consuming approval process for Third Country Operators (TCO)
Pros & Cons

**Pros:**
- Operators can upload their data. Validation remains with the States.
- Keep track of the latest AOC’s and Operations Specifications
- Simplify all procedures for an Operator to apply for operations to another state.
- Synchronize CAA/Operators online system with AOC Register system.
- Reduce delays and findings during Ramp Inspections.

**Cons:**
- Lack of participation in the AOC database, due to lack of resources, etc.
- Even though operational, Operators remain concerned with redundancy of the TCO program.
Dear Seda,
I wish to congratulate the team for that great tool. With a good Internet connection, it is such a great website. It is indeed very useful and I foresee the big benefit for the whole aviation safety community.
I wish all success for the promotion of this tool.
Kind regards,

Ms. Paule Assoumou Koki
Director of Aviation Safety
Cameroon Civil Aviation Authority
Yaoundé, Cameroon
Tel: +237 7615 9571
paule.assoumou.koki@ccaa.aero

Successful approach by IATA & ICAO with CAA of: Cameroon, Cape Verde and Singapore
Round Table Discussion
Challenges in South America

What are the AOC/OPS SPECS related challenges faced in South America?

Is the current format of AOC/OPS SPECS sufficient for your needs?

Will it be sufficient for your state to access the operator’s AOC/OPS SPECS on line from the AOC Registry database assuming it is validated by the state? If not, why?
On behalf of
ICAO & IATA

THANK YOU