



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

*A United Nations Specialized Agency*



# **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



# BACKGROUND

# 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 36<sup>th</sup> 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

# AOC Register (Big Picture)



- 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) **4<sup>th</sup> quarter 2014**
  - ✓ Others...



# WHAT IS THE AOC REGISTER?

# 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

|   |                     |   |                     |  |             |
|---|---------------------|---|---------------------|--|-------------|
|    |                     | International Civil Aviation Organization   |                     |  | Page 1 of 1 |
| <b>AIR OPERATOR CERTIFICATE</b>   |                     |   |                     |  |             |
|   |                     | <b>CANADA</b>   |                     |  |             |
|   |                     | <b>Transport Canada</b>   |                     |  |             |
|   |                     | <b>WestJet Canada</b>   |                     | <b>OPERATIONAL POINTS OF CONTACT</b>   |             |
| AOC#: 123456789<br>Expiry Date: valid until<br>suspended, cancelled or revoked  |                     | Db a Trading Name: westjet<br>Operator Address: addr<br>Telephone: 001-514-888-8888<br>Fax: 001-514-888-8888<br>E-mail: |                     | Contact details, at which operational management can be<br>contact without undue delay for issues related to flight<br>operations, airworthiness, flight and cabin crew<br>competency, dangerous goods and other matters as<br>appropriate, are listed as follows. |             |
| Contact Details:  |                     |   |                     |  |             |
| Flight Operations   | Airworthiness       | Flight Cabin Crew Competency  | Dangerous Goods     | Other Matters  |             |
| Phone: 1234567  | Phone: 1234567      | Phone: 1234567  | Phone: 1234567      | Phone: 1234567   |             |
| Fax: 1234567  | Fax: 1234567        | Fax: 1234567  | Fax: 1234567        | Fax: 1234567   |             |
| E-mail: abc@abc.com   | E-mail: abc@abc.com | E-mail: abc@abc.com   | E-mail: abc@abc.com | E-mail: abc@abc.com  |             |
| 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   |                     |  |             |

# Annex 6 Part I

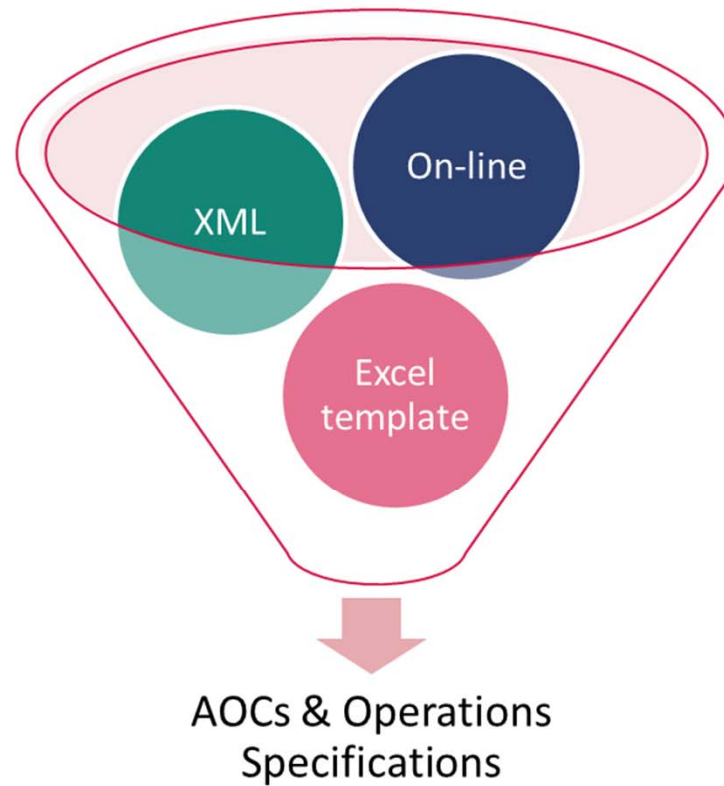


| OPERATIONS SPECIFICATIONS<br>(subject to the approved conditions in the operations manual)   |                                     |                                     |  |                  |
|--|-------------------------------------|-------------------------------------|--|------------------|
| ISSUING AUTHORITY CONTACT DETAILS <sup>1</sup>   |                                     |                                     |  |                  |
| Telephone: _____   |                                     | Fax: _____                          |  | E-mail: _____    |
| AOC# <sup>2</sup> : _____  | Operator name <sup>3</sup> : _____  |                                     | Date <sup>4</sup> : _____                            | Signature: _____ |
| Dba trading name: _____  |                                     |                                     |  |                  |
| Aircraft model <sup>5</sup> : _____  |                                     |                                     |  |                  |
| Types of operation: Commercial air transportation <input type="checkbox"/> Passengers <input type="checkbox"/> Cargo <input type="checkbox"/> Other <sup>6</sup> : _____ |                                     |                                     |  |                  |
| Area(s) of operation <sup>7</sup> : _____  |                                     |                                     |  |                  |
| Special limitations <sup>8</sup> : _____   |                                     |                                     |  |                  |
| SPECIAL AUTHORIZATIONS   | YES                                 | NO                                  | SPECIFIC APPROVALS <sup>9</sup>                      | REMARKS          |
| Dangerous goods  | <input type="checkbox"/>            | <input type="checkbox"/>            |  |                  |
| Low visibility operations  |                                     |                                     |  |                  |
| Approach and landing   | <input type="checkbox"/>            | <input type="checkbox"/>            | CAT <sup>10</sup> : _____ RVR: _____ m DH: _____ ft  |                  |
| Take-off   | <input type="checkbox"/>            | <input type="checkbox"/>            | RVR <sup>11</sup> : _____ m                          |                  |
| RVSM <sup>12</sup> <input type="checkbox"/> N/A  | <input type="checkbox"/>            | <input type="checkbox"/>            |  |                  |
| ETOPS <sup>13</sup> <input type="checkbox"/> N/A   | <input type="checkbox"/>            | <input type="checkbox"/>            | Maximum diversion time <sup>14</sup> : _____ minutes |                  |
| Navigation specifications for PBN operations <sup>15</sup>   | <input type="checkbox"/>            | <input type="checkbox"/>            |  | <sup>16</sup>    |
| Continuing airworthiness   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <sup>17</sup>  |                  |
| Other <sup>18</sup>  | <input type="checkbox"/>            | <input type="checkbox"/>            |  |                  |

# How to enter data



## □ Data entry methods



# 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 On-line register



## □ 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

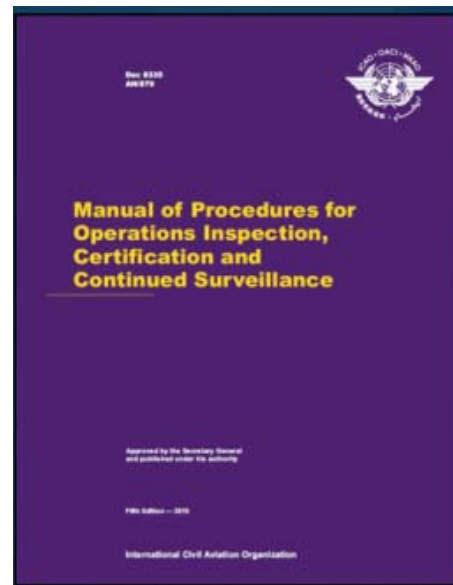


- Effective & efficient foreign operator surveillance
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# Benefits for Safety



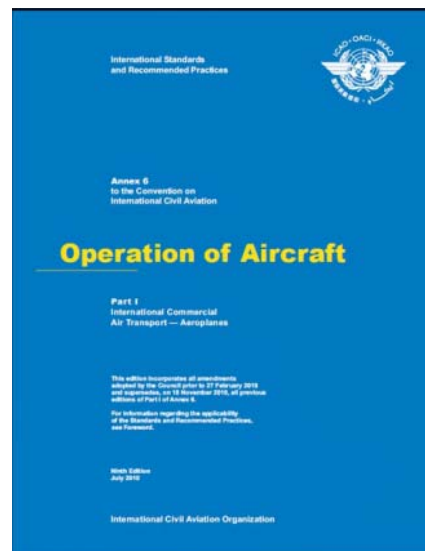
- ❑ Component of an integrated of OASIS
- ❑ Allows efficient implementation of elements of the Manual of Procedures for Operations Inspection, Certification and Continued Surveillance (DOC-8335)



# 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.



**From:** Paule Assoumou Koki [<mailto:paule.assoumou.koki@ccaa.aero>]  
**Sent:** Thursday, September 12, 2013 05:50 PM  
**To:** SEDA Protus  
**Subject:** RE: Meeting Brief in Johannesburg 15 March 2013

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](mailto:paule.assoumou.koki@ccaa.aero)

➤ Successful approach  
by IATA & ICAO with  
CAA of : Cameroon,  
Cape Verde and  
Singapore



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# 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**