Air Operator Certificates (AOC) & Operations Specifications

Module 1

Agenda

- ❑ Module 1 :
  - ✓ Background
  - ✓ Benefits
  - ✓ Pros and Cons
- ❑ 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 36th ICAO Assembly.

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

- ❑ As of July 2014, activity includes
    - ✓ **77** States registered,
    - ✓ **211** operators registered
    - ✓ **108** validated AOCs entered

The problem:

Each Airline:
1 AOC
+
X Foreign
Ops Specs

Multiple Requirements

Complexity!

State
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State
State

AOC
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AOC
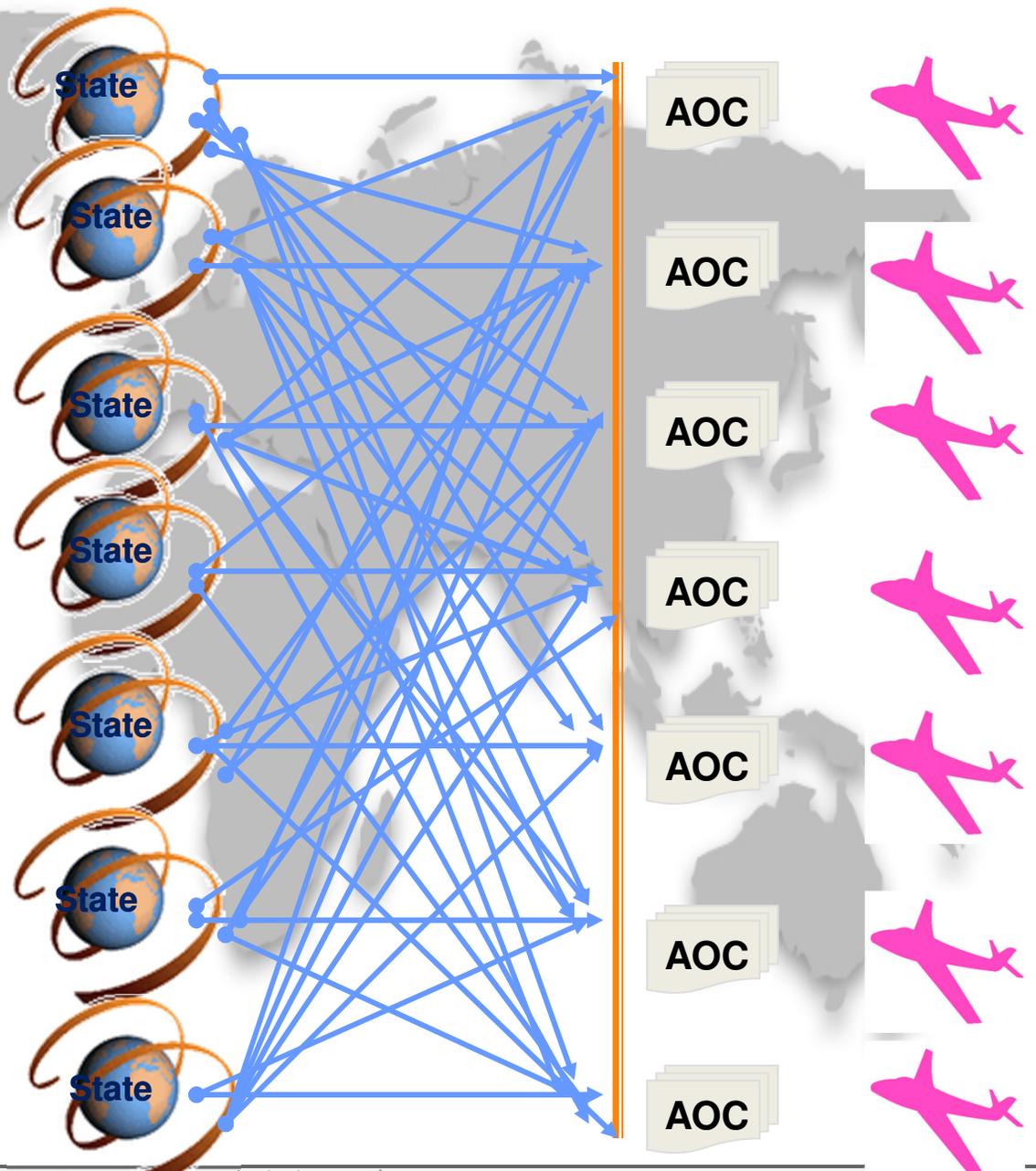
Foreign operator admission and surveillance

OBJECTIVE

Bilateral Technical Agreements

FOREIGN OPERATOR SURVEILLANCE

State
State
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State

AOC Registry

Annex 6 & Doc 8335

AOC
AOC
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AOC

Foreign operator admission and surveillance

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

Benefits

☐ Component of future **O**nline **A**ircraft **S**afety **I**nformation **S**ystem (**OASIS**)

AOC

Air Operator Certificates

ARS

Aircraft Registry System

OASIS

Doc-8643

Aircraft Type Designators

Doc-8585

Designators for Aircraft Operating Agencies

OASIS
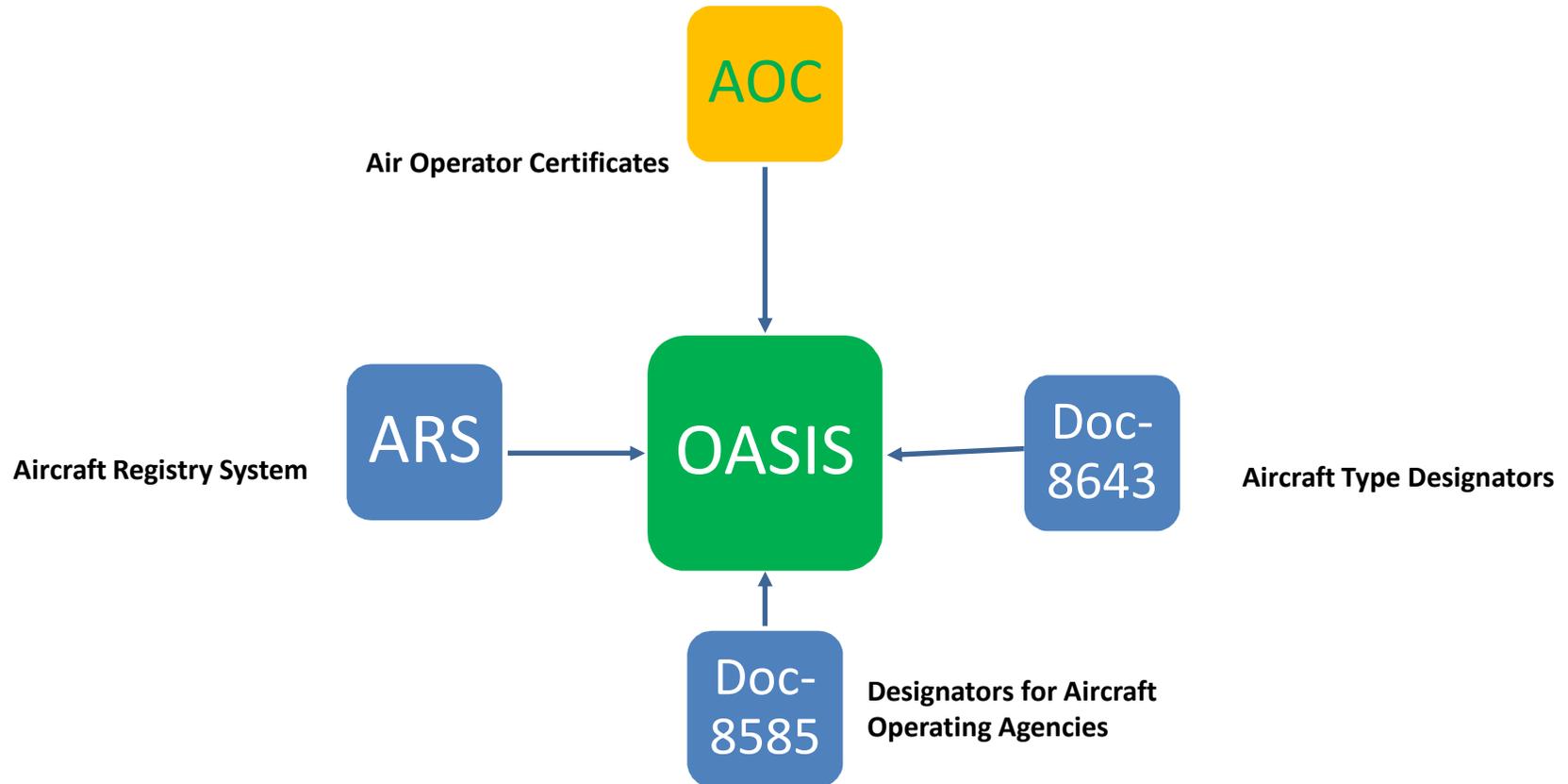
- ✓ Look up Aircraft history
- ✓ Who Registered A/C
- ✓ Who issues AOC
- ✓ What is the A/C capabilities
- ✓ What are the differences filed by State of Registry and Operators
- ✓ What are the relevant audit results for State of Registry and Operators

Aircraft Registration System

AOC Database

CFOD System
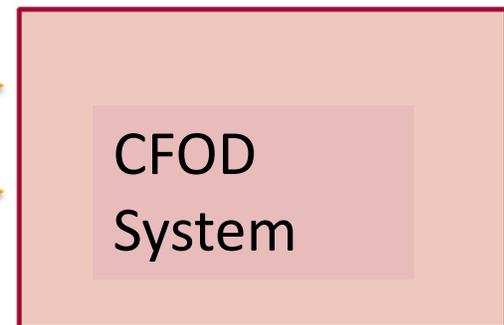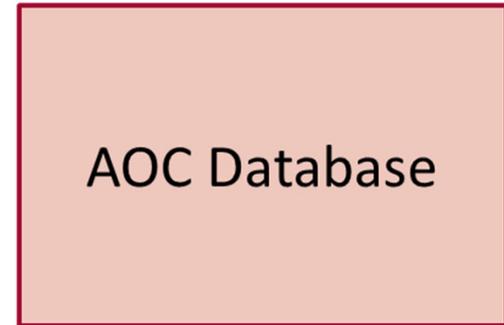
OASIS

☐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?

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

AIR OPERATOR CERTIFICATE

CANADA

Transport Canada

AOC#: 123456789
Expiry Date: valid until
suspended,cancelled or revoked

WestJet Canada
Dba Trading Name: westjet
Operator Address: addr
Telephone: 001-514-888-8888
Fax: 001-514-888-8888
E-mail:

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.

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

**OPERATIONS SPECIFICATIONS**
(subject to the approved conditions in the operations manual)

ISSUING AUTHORITY CONTACT DETAILS[´]

Telephone: _____   Fax: _____   E-mail: _____

AOC#[2]: _____ Operator name[3]: _____ Date[4]: _____ Signature: _____

Dba trading name: _____

Aircraft model[5]:

Types of operation: Commercial air transportation   ☐Passengers   ☐ Cargo   ☐ Other[6]: _____

Area(s) of operation[7]:

Special limitations[8]:

SPECIAL AUTHORIZATIONS	YES	NO	SPECIFIC APPROVALS[9]	REMARKS
Dangerous goods	☐	☐		
Low visibility operations				
Approach and landing	☐	☐	CAT[10]: _____ RVR: _____ m DH: _____ ft	
Take-off	☐	☐	RVR[11]: _____ m	
RVSM[12] ☐ N/A	☐	☐		
EDTO[13] ☐ N/A	☐	☐	Threshold time[14]: _____ minutes	
	☐	☐	Maximum diversion time[14]: _____ minutes	
Navigation specifications for PBN operations[15]	☐	☐		[16]
Continuing airworthiness	✗	✗	[17]	
Other[18]	☐	☐		

How to enter data

❏ Data entry methods
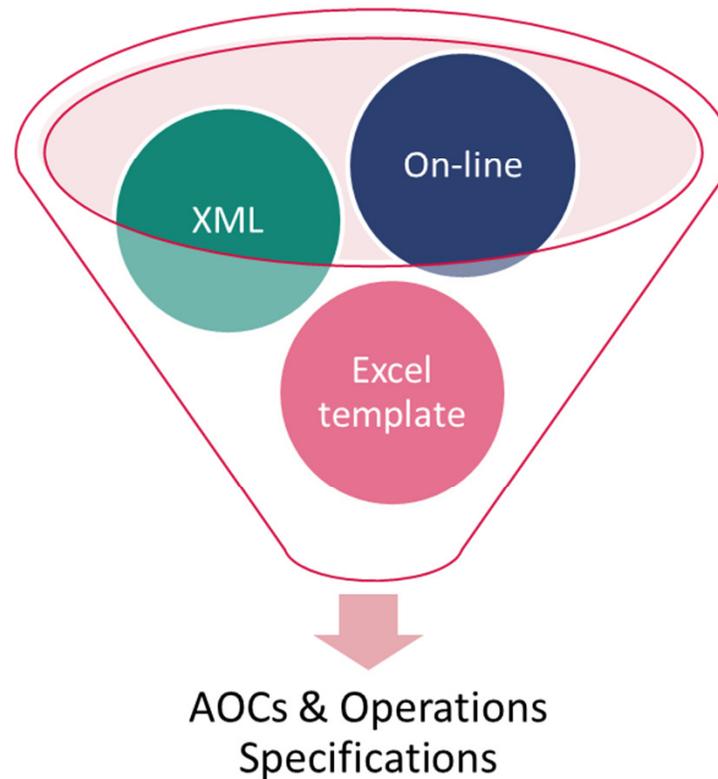
AOC System User Management Model


```
                    ┌──────────────────────────────┐
                    │  AOC System Administrator     │
                    └──────────────────────────────┘

  ┌──────────────┐        ┌──────────────┐   ┌───────┐  ┌───────┐  ┌──────────────┐
  │ CAA          │        │ CAA          │   │ ICAO  │  │ IATA  │  │ Other        │
  │ Administrator│  ....  │ Administrator│   │ Users │  │ Users │  │ Organizations│
  │ Country 1    │        │ Country N    │   └───────┘  └───────┘  └──────────────┘
  └──────────────┘        └──────────────┘

           ┌────────────┐   ┌────────────┐   ┌────────────┐
           │ CAA Users  │   │ Inspectors │   │ Operators  │
           └────────────┘   └────────────┘   └────────────┘
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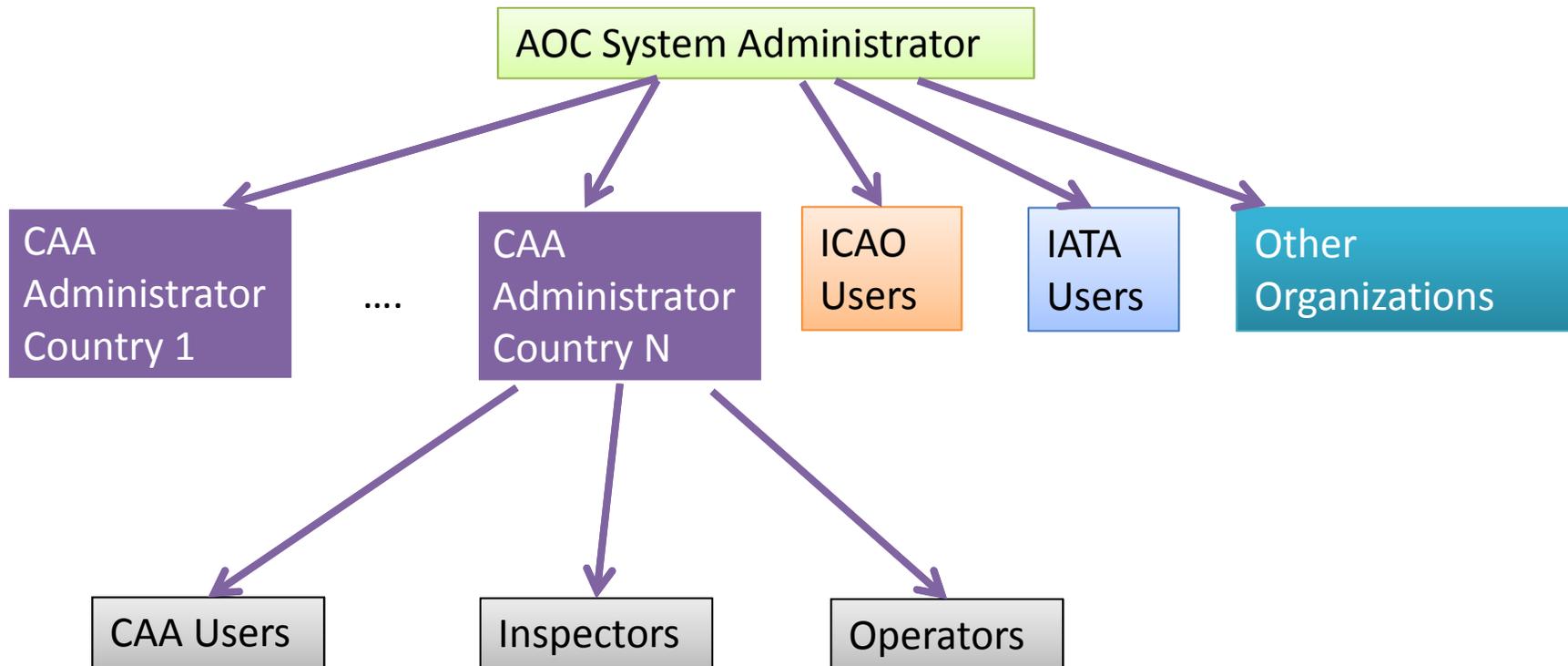
AOC On-line register

□ 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

BENEFITS, EFFICIENCIES, NEXT STEPS

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)
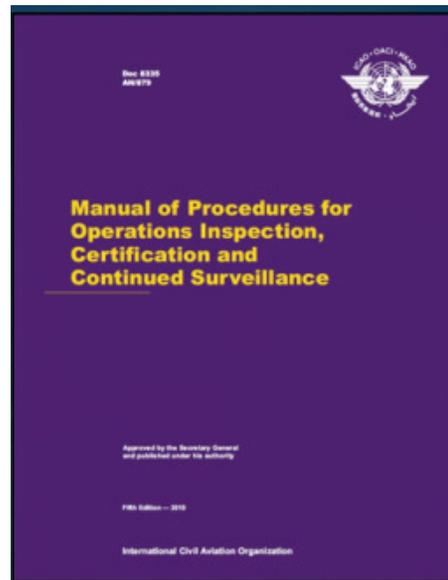
Benefits for Efficiency

- 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.
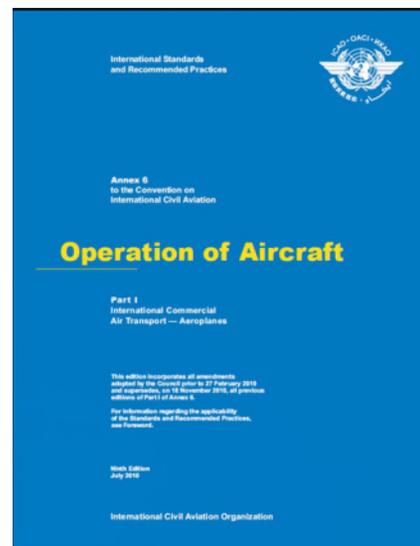
Encountered Cost

❑ 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 resources, etc.

- ☐ Even though operational, Operators remain concerned with redundancy of the TCO program.

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 -   29-1 August 2014
- ✓ Mexico City, Mexico – 17-19 September 2014
- ✓ Johannesburg, South Africa – 15-17 October 2014
- ✓ Singapore, - 12-14 November 2014
- ✓ Dubai, UAE - 23-24 November 2014

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

om: 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
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Cameroon Civil Aviation Authority
Yaoundé, Cameroon
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↗ Successful approach by IATA & ICAO with CAA of : Cameroon, Cape Verde and Singapore

Discussion