



Nordic POA Meeting 2016

The purpose of POA

Or

The circle of airworthiness life

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In the beginning there was...

...Article 1!

REGULATION (EC) No 216/2008

Article 1

- **Scope**
- 1. This Regulation shall apply to:
 - (a) the design, **production**, maintenance and operation of aeronautical products, parts and appliances, as well as **personnel and organisations** involved...

REGULATION (EC) No 216/2008

Article 5

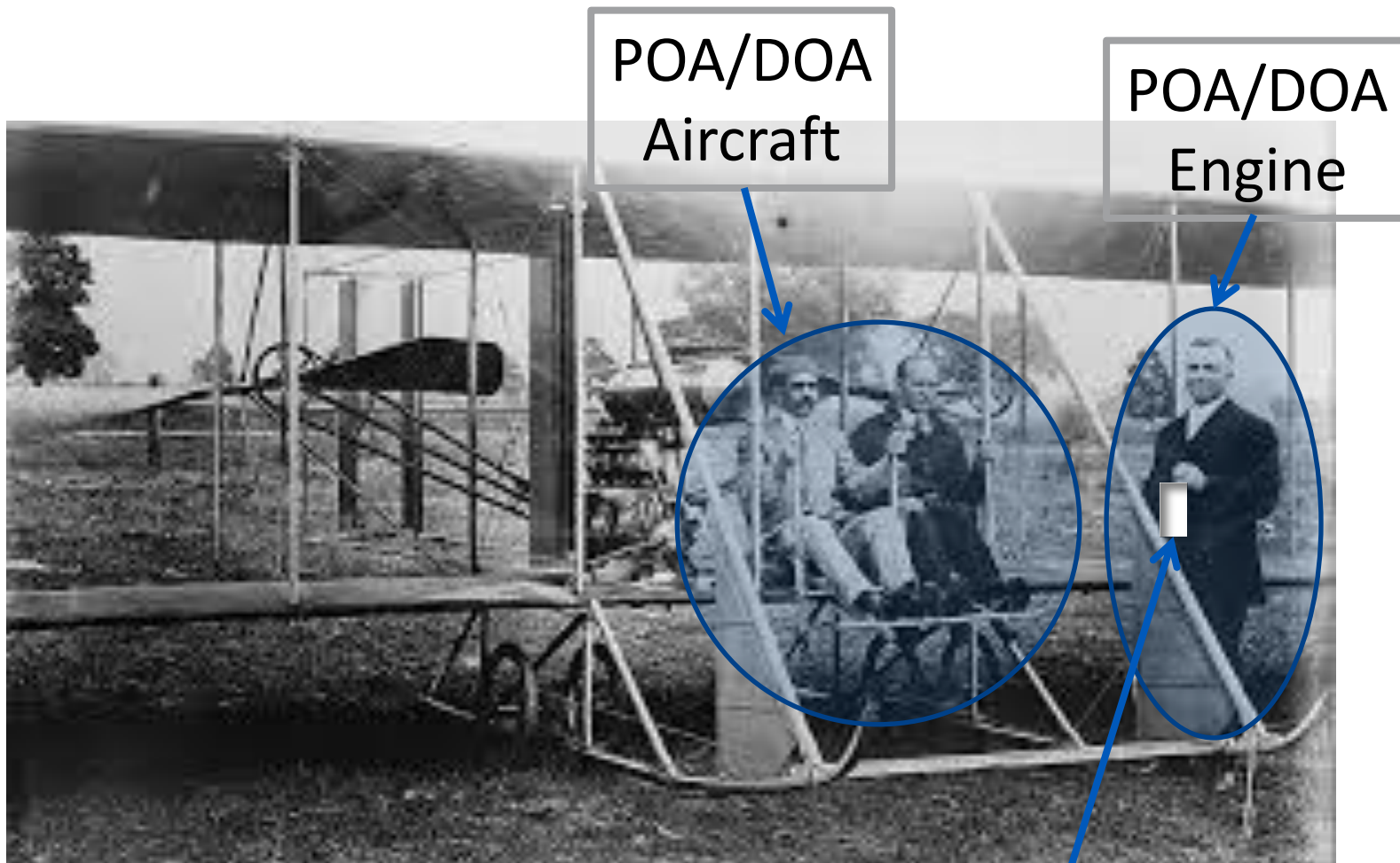
Airworthiness

- (b) parts and appliances may be issued with **specific certificates** when they are shown to comply with detailed airworthiness specifications...

REGULATION (EC) No 216/2008

(e) organisations responsible for the design and **manufacture** of products, **parts and appliances** shall demonstrate their capability and means to discharge the *responsibilities associated with their privileges*...recognised through the issuance of an **organisation approval**.

Even in the old days...



The pyramid



Individuals
Organisations

STA



Member State

EASA



EU

ICAO

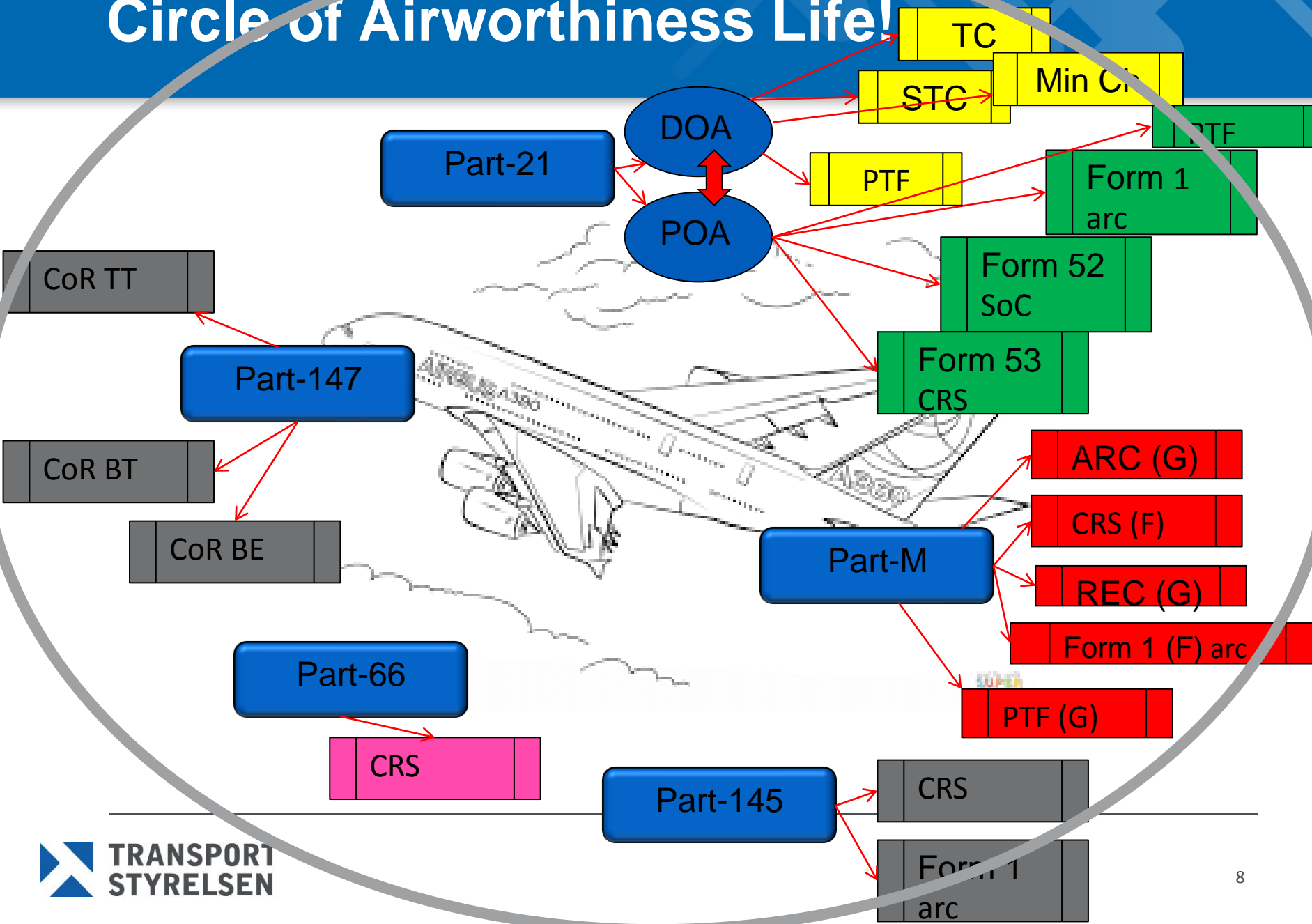


INTERNATIONAL CIVIL AVIATION ORGANIZATION
A United Nations Specialized Agency

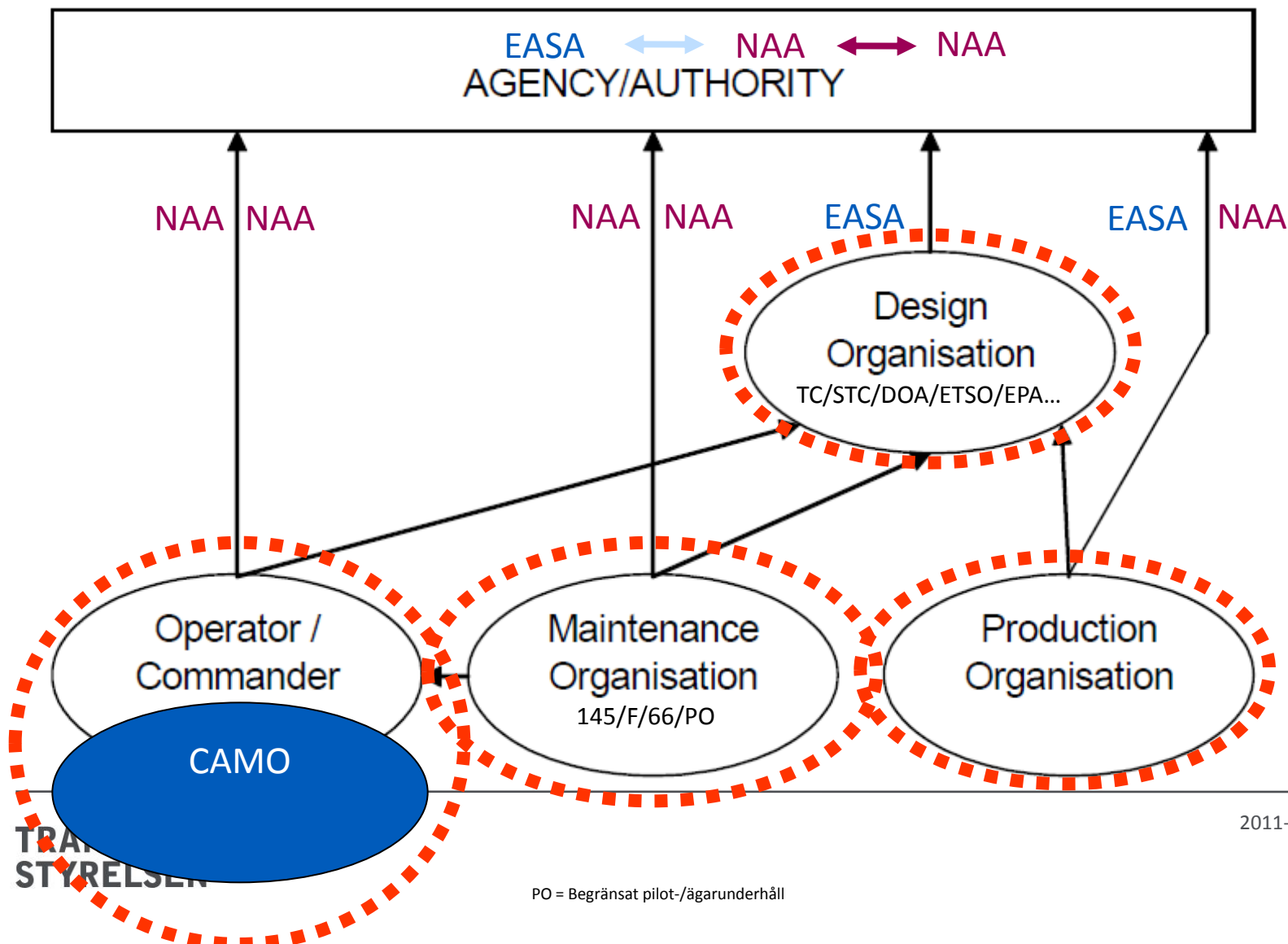


UN

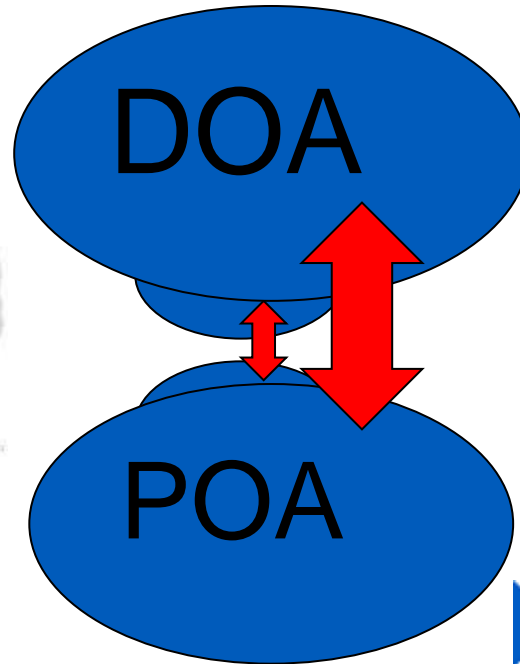
Circle of Airworthiness Life!



Från AMC 20-8



Lets have a closer look...



The POA

Production

the act of producing; creation or manufacture.

Organisation

a group of people working together for a purpose

Approval

formal agreement; sanction

Privilege

a benefit, immunity, etc, granted under certain conditions

The Privilege

Authorised - sanctioned by established authority; "an authoritative communique"- having official authority or sanction; "official permission"

Release

to free (something) from (one's grip); let go or fall

to issue (a record, film, book, etc) for sale or circulation

Certificate

A document establishing the authenticity of certain details of an item, event, or transaction

- **The EASA Form 1, “The Privilege”, is the Authorised Release Certificate** released by a POA holder for stating that a product, a part, or a component was manufactured in accordance with approved/not approved design data.



The Arrangement

Arrangement Sample Form

DOA

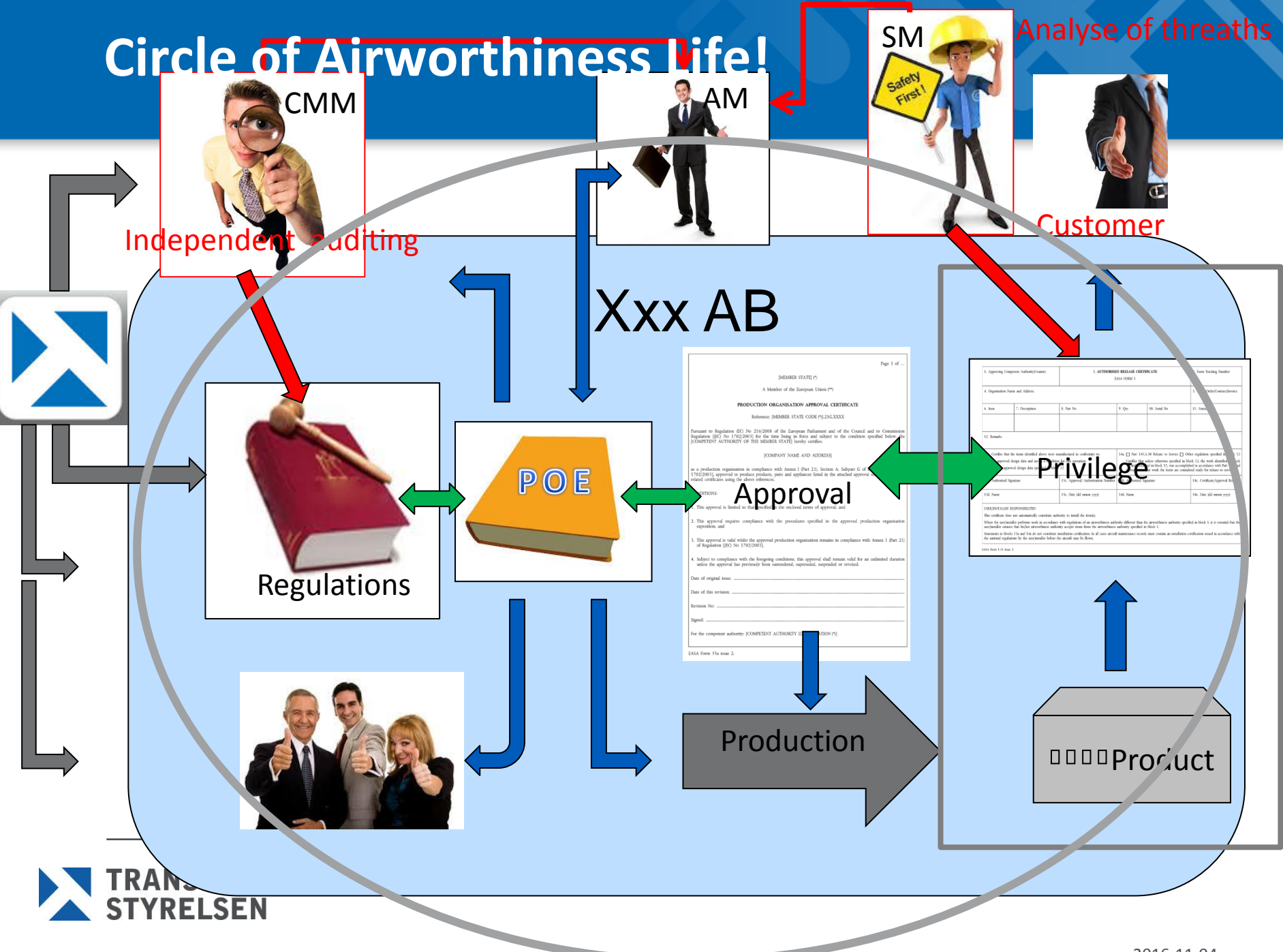
POA

DOA & POA

ARRANGEMENT in accordance with 21.A.133(b) and (c)	
The undersigned agree on the following commitments:	Relevant interface procedures
<p>The design organisation [NAME] takes responsibility to</p> <ul style="list-style-type: none"> assure correct and timely transfer of up-to-date applicable design data (e.g., drawings, material specifications, dimensional data, processes, surface treatments, shipping conditions, quality requirements, etc.) to the production organisation approval holder [NAME] provide visible statement(s) of approved design data. 	
<p>The production organisation approval holder [NAME] takes responsibility to</p> <ul style="list-style-type: none"> assist the design organisation [NAME] in dealing with continuing airworthiness matter and for required actions assist the design organisation [NAME] in case of products prior to type certification in demonstrating compliance with certification specifications develop, where applicable, its own manufacturing data in compliance with the airworthiness data package. 	
<p>The design organisation [NAME] and the POA holder [NAME] take joint responsibility to</p> <ul style="list-style-type: none"> deal adequately with production deviations and non-conforming parts in accordance with the applicable procedures of the design organisation and the production organisation approval holder achieve adequate configuration control of manufactured parts, to enable the POA holder to make the final determination and identification for conformity. 	
<p>The scope of production covered by this arrangement is detailed in [DOCUMENT REFERENCE/ATTACHED LIST] [When the design organisation is not the same legal entity as the production organisation approval holder]</p>	
<p>Transfer of approved design data: The TC/STC/ETSO holder [NAME] acknowledges that the approved design data provided, controlled and modified in accordance with the arrangement are recognised as approved by the competent authority and therefore the parts and appliances manufactured in accordance with these data and found in a condition for safe operation may be released certifying that the item was manufactured in conformity to approved design data and is in a condition for safe operation..</p>	
<p>[When the design organisation is not the same legal entity as the production organisation approval holder]</p> <p>Direct Delivery Authorisation:</p> <p>This acknowledgement includes also [OR does not include] the general agreement for direct delivery to end users in order to guarantee continued airworthiness control of the released parts and appliances.</p>	
For the [NAME of the design organisation/DOA holder]	For the [NAME of the POA holder]
Date: xx.xx.xxxx	Date: xx.xx.xxxx
Signature: [NAME in block letters]	Signature: [NAME in block letters]

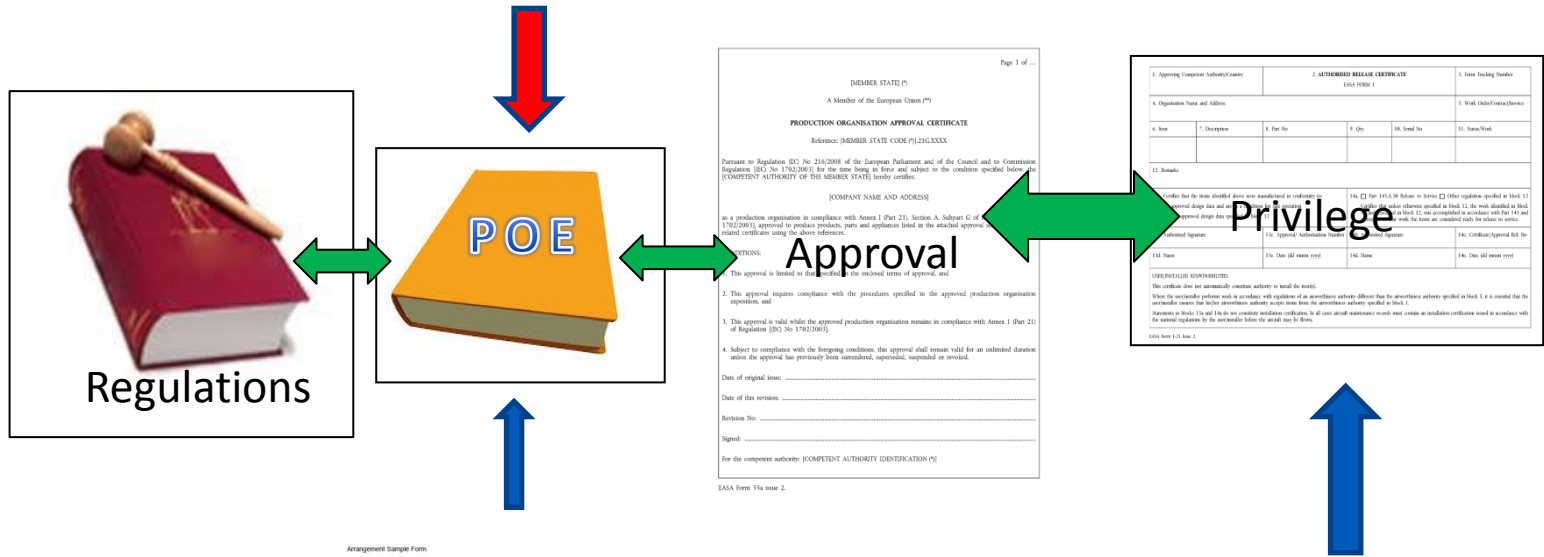
Direct Delivery

Circle of Airworthiness Life!



Circle of Airworthiness Life!

This exposition is vital!



Arrangement Sample Form

ARRANGEMENT in accordance with 21.A.13(b)(3) and (c)	
The undersigned agree on the following commitments:	Relevant interface procedures
<p>The design organisation [NAME] takes responsibility to:</p> <ul style="list-style-type: none"> ensure correct and timely transfer of up-to-date applicable design data (e.g. drawings, material specifications, dimensional data, processes, surface treatments, shipping conditions, quality requirements, etc.) to the production organisation approval holder [NAME] provide suitable statements of approved design data. 	
<p>The production organisation approval holder [NAME] takes responsibility to:</p> <ul style="list-style-type: none"> assist the design organisation [NAME] in dealing with continuing airworthiness matter and for required actions. assist the design organisation [NAME] in case of products prior to type certification in demonstrating compliance with certification specifications. develop, where applicable, its own manufacturing data in compliance with the airworthiness data package. 	
<p>The design organisation [NAME] and the POA holder [NAME] take joint responsibility to:</p> <ul style="list-style-type: none"> deal adequately with production deviations and non-conforming parts in accordance with the applicable procedures of the design organisation and the production organisation approval holder. achieve adequate configuration control of manufactured parts, to enable the POA holder to make the final determination and identification for conformity. 	
The scope of production covered by this arrangement is detailed in [DOCUMENT REFERENCING ATTACHED LIST].	
[When the design organisation is not the same legal entity as the production organisation approval holder.]	
Transfer of approved design data:	
The TC/TCR/TSO holder [NAME] acknowledges that the approved design data provided, controlled and modified in accordance with this arrangement are recognised as approved by the competent authority, and therefore the parts and appliances manufactured in accordance with these data and listed in a certificate for sale operation may be released certifying that the item was manufactured in conformity to approved design data and is in a condition for safe operation.	
[When the design organisation is not the same legal entity as the production organisation approval holder]	
Direct Delivery Authorisation:	
This acknowledgement includes also [OR does not include] the general agreement for direct delivery to end users in order to guarantee continued airworthiness control of the related parts and appliances.	
For the [NAME] of the design organisation/DOA holder:	For the [NAME] of the POA holder:
Date: _____ Signature: _____	Date: _____ Signature: _____
04.XX.XXXX [NAME in block letters]	04.XX.XXXX [NAME in block letters]

Is there a need for this privilege?

Arrangement in place?

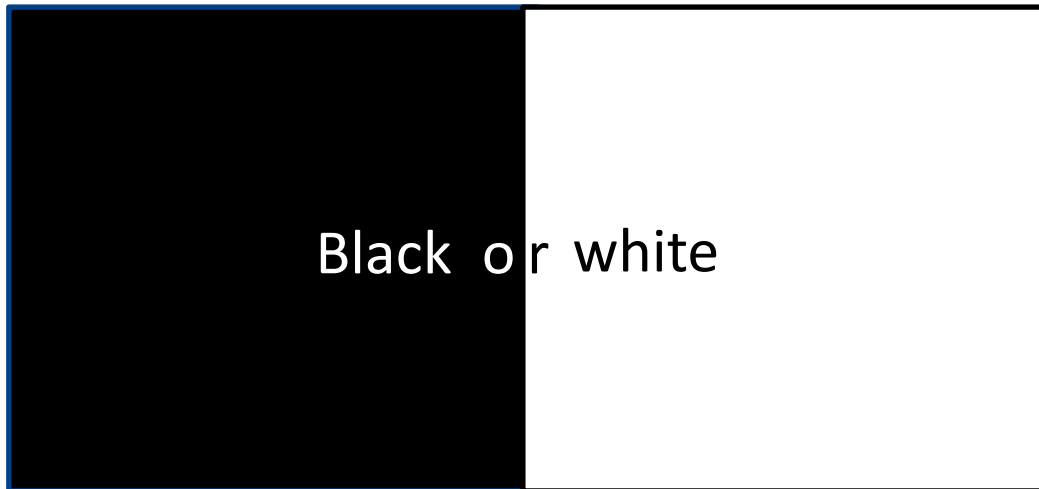
SUBPART G — PRODUCTION ORGANISATION APPROVAL

- **21.A.139 Quality System**
- **21.A.143 Exposition**
- **21.A.145 Approval requirements**
- **21.A.159 Duration and continued validity**
- **21.A.163 Privileges**
- **21.A.165 Obligations of the holder**

Focus on;

- **Production Organisation Exposition**
 - in compliance with current regulation
 - accurate and sufficient description of the org. and procedures
 - notification and amendment procedure
- **Management**
 - knowledge of the regulations
 - knowledge of the product
 - presence in the organisation
- **Quality system (Management system)**
 - priority in the organisation
 - effectivity
 - sustainability

Compliance



“Either you have a POA or you do not - there is no try...”



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Thanks for Your attention

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Sjö- och luftfartsavdelningen
