



EASA

European Aviation Safety Agency

Product Certification and Design Organisation Approval Workshop

30th- 31st October 2018

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TE.GEN.00409-001



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European Aviation Safety Agency

DOA for ETSO

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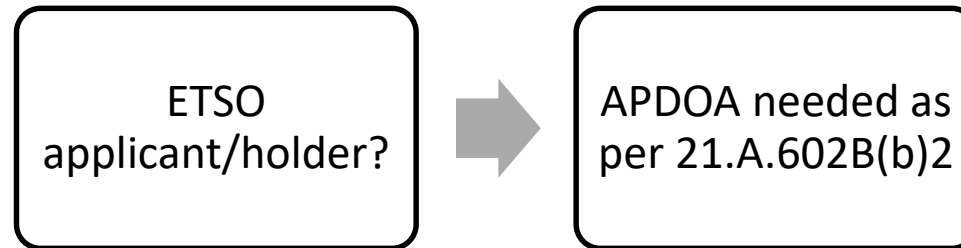
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Problem statement

Part-21 requests an applicant for a Design Approval to demonstrate its capability: DOA or APDOA



- This applies also for companies already holding a full DOA, and willing to apply for an ETSOA
- 30 companies hold today both an APDOA and a DOA



- We received numerous requests from the Industry to

**allow an ETSOA applicant/holder to
demonstrate its capability by
holding a DOA**



Impact for the applicant



Simplification of the management of procedures

- no dual system/handbook



Slight cost decrease

- no APDOA application needed
- no chargeable Significant Changes



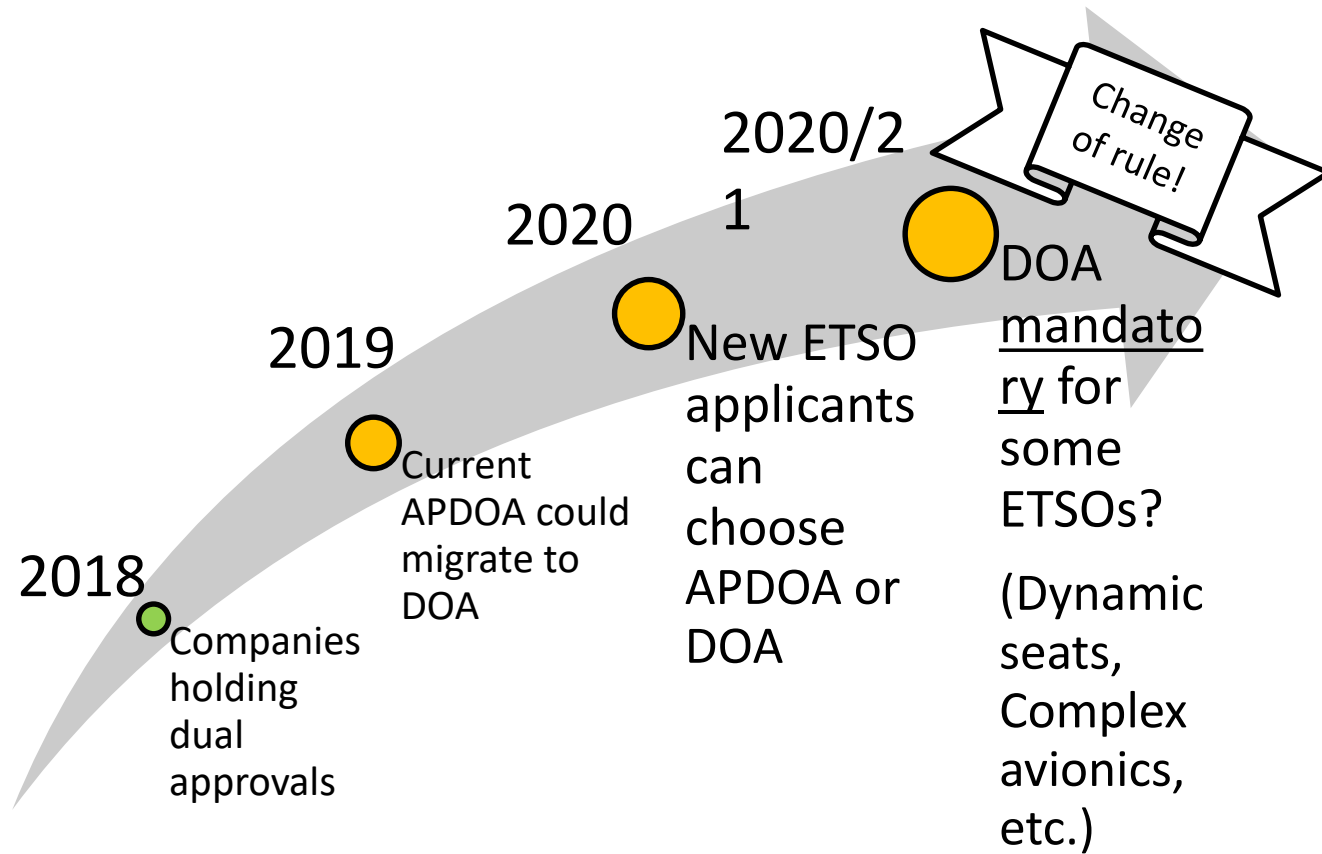
Reduction of administrative burden

- a change in a company will trigger only one Significant Change, instead of two

Increased business opportunities



Long term vision





High-level process to merge DOA and AP

- 1. Application through Form-82 (and letter of AP surrender or Form-81)
- 2. Updates by DOA holder (see next slide)
- 3. Checks by the DOATL
- 4. Significant Change Report, update of the Terms of Approval and revocation of APDOA



Detailed elements to be updated by the DOA holder

ITEM	TOPIC	TASK
1	Handbook	The DOA and ETSO handbooks can be merged or the ETSO procedures can be cross-referred from the DOA handbook
2	AP ref	As the APDOA will be surrendered, no reference to the APDOA approval should be kept in the handbook and procedures
3	Marking	The marking procedure should cover both aircraft and ETSO cases (could be achieved by keeping two different procedures)
4	Classification	The classification procedure would need to cover both aircraft and ETSO cases (could be achieved by keeping two different procedures). Involvement of ETSO PCM possible
5	CVE	As per 21.A.239(b) the CVE function is required for ETSO activities
6	ISM	As per 21.A.239(a) the ISM function needs to cover the ETSO activities
7	Supplier	As per 21.A.239(c) the subcontractor monitoring should include the subcontractors involved in ETSO activities



Impact from EASA surveillance point of view

ITEM	TOPIC	TASK
201	Planning	The surveillance planning will be updated to include surveillance activities related to ETSOA.
202	Audit	ETSO procedures become part of the handbook, hence are audited and checked during DOA surveillance
203	Significant Change	Changes to the ETSO procedures fall under 21.A.247 and may trigger a Significant Change.
205	ISM	ISM audit should ensure that the ISM performs its duty on ETSO projects as well.



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End slide

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Financial impact assessments

➤ All fees are flat fees

Company size	APDOA		DOA	
	Initial	Surveillance	Initial Depends on Category	Surveillance Depends on Category
Below 10 staff	6,000 €	n/a	5,400 to 10,700 €	2,700 to 5,300 €
10 to 49 staff	6,000 €	n/a	10,930 to 27,320 €	5,460 to 13,660 €
50 to 399 staff	6,000 €	n/a	41,830 to 82,000 €	21,860 to 40,980 €