

**FAA VALIDATION OF  
EASA STATE OF DESIGN AIRCRAFT ENGINES  
TYPE VALIDATION PRINCIPLES AGREEMENT**

**POTENTIAL VALIDATION ITEMS & STANDARDS DIFFERENCE LIST**

**14 CFR Part 33 Amendment 30 compared to CS-E Amendment 1**

**November 5, 2009**

<b><i>Item</i></b>	<b><i>Title</i></b>	<b><i>FAR Section</i></b>	<b><i>Remarks</i></b>
<b>SSD</b>			
1	ICA	33.4, App A, A33.3(c)	No equivalent requirements for ETOPS Engine Condition Monitoring
2	Rotor Integrity	33.27	CS-E 840 equivalent, except for 840(c) loss-of-load failure case exclusions.
3	Early ETOPS Design & Test	33.201	No equivalent requirements for ETOPS eligibility.
<b>Non-SSD</b>			
1	Ignition Systems	33.69	CS-E 500 equivalent, except 500(c) allows one igniter.
2	Hydraulic Systems	33.72	No equivalent requirements.
3	Thrust Augmenter	33.79	No equivalent requirements.
4	Endurance Test	33.87	CS-E 740 equivalent, except for no direct equivalent to 33.87(a)(8) for transient limitations.
5	Overtemperature Test	33.88	No equivalent requirements; CS-E 860/870 related.
6	Initial Maintenance Inspection	33.90	No equivalent requirements.
7	Teardown Inspection	33.93	No equivalent requirements. CS-E 740(h) corresponds, but has different criteria.
8	APU Mode	33.96	No equivalent requirements.
<b>Generic VI</b>			
1	<i>TLD/MMEL</i>		<i>New CS-E 1030 adopted; being reviewed for equivalency with ANE policy and CFR Operating Rules.</i>

Notes:

- 1) The above noted items are generic potential VI's based on regulation text differences between the identified airworthiness codes. Interpretive material differences did not affect these findings, and are therefore not referenced.
- 2) For individual projects, some of these VI's may be deleted or additional VI's may be added dependent upon familiarization with the actual product design, certification basis and specific Methods of Compliance.
- 3) This TVP VI List revision addresses recent rulemaking under 14 CFR Part 33 Amendments 25 through 30, and is applicable to any Amendment pair from Part 33 Amendment 25 through 30, versus CS-E Amendment 1.

**Approved by: Original signed by Marc Bouthillier on November 5, 2009 for  
Manager, Engine and Propeller Standards Staff (ANE-110)**

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