


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE A CERTIFICATION MEMORANDUM
	<p>EASA Proposed CM No.: EASA Proposed CM – PIFS – 008 Issue: 01 Issue Date: 30th of October 2012 Issued by: Propulsion section Approved by: Head of Products Certification Department Regulatory Requirement(s): CS-E</p>

In accordance with the EASA Certification Memorandum procedural guideline, the European Aviation Safety Agency proposes to issue an EASA Certification Memorandum (CM) on the subject identified below.

All interested persons may send their comments, referencing the EASA Proposed CM Number above, to the e-mail address specified in the "Remarks" section, prior to the indicated closing date for consultation.

EASA Certification Memoranda clarify the European Aviation Safety Agency's general course of action on specific certification items. They are intended to provide guidance on a particular subject and, as non-binding material, may provide complementary information and guidance for compliance demonstration with current standards. Certification Memoranda are provided for information purposes only and must not be misconstrued as formally adopted Acceptable Means of Compliance (AMC) or as Guidance Material (GM). Certification Memoranda are not intended to introduce new certification requirements or to modify existing certification requirements and do not constitute any legal obligation.

EASA Certification Memoranda are living documents into which either additional criteria or additional issues can be incorporated as soon as a need is identified by EASA.

Subject

**Regulatory Differences CS-E vs CFR 14 Part 33
(for validation by EASA of FAA certified engine types)**

Log of Issues

Issue	Issue date	Change description
01	30.10.2012	First issue.

Table of Contents

1. INTRODUCTION	4
1.1. Purpose and Scope	4
1.2. References	4
1.3. Abbreviations	4
1.4. Definitions.....	4
2. BACKGROUND	5
3. EASA CERTIFICATION POLICY	5
3.1. EASA Policy	5
3.2. Who this Certification Memorandum Affects.....	5
4. REMARKS.....	5
ANNEX A – TURBINE ENGINES.....	6
ANNEX B – PISTON ENGINES.....	7

1. INTRODUCTION

1.1. PURPOSE AND SCOPE

The purpose of this Certification Memorandum is to clarify the Agency's policy on Regulatory Differences which are to be taken into account when validating US certified engine types by providing lists, for various amendment pairs, of Significant Standard Differences and non-Significant Standard Differences and generic Validation Items.

1.2. REFERENCES

It is intended that the following reference materials be used in conjunction with this Certification Memorandum:

Reference	Title	Code	Issue	Date
---	Certification Specifications for Engines	CS-E	---	---
---	Technical Implementing Procedures for Airworthiness and Environmental Certification Between FAA/USA and EASA/EU	---	Rev 1	Oct 19, 2011

1.3. ABBREVIATIONS

The following abbreviations are used in this Certification Memorandum:

Abbreviation	Meaning
CM	C ertification M emorandum
EASA	E uropean A viation S afety A gency
FAA	F ederal A viation A dministration
PCM	P roject C ertification M anager
SD	S tandard D ifference
SRD	S ignificant R egulatory D ifference
SSD	S ignificant S tandard D ifference
TVP	T ype V alidation P inciples
US	U nited S tates
VI	V alidation I tem

1.4. DEFINITIONS

The following definitions are used in this Certification Memorandum:

Definition	Meaning
---	---

2. BACKGROUND

The Agency and the FAA have under the frame of the USA/EU Bilateral Agreement and its Technical Implementation Procedures established the Type Validation & Post Type Validation Principles Agreement to guide the type certification of each others products. The Type Validation Principles require that the Validating Authority publishes and periodically updates its listings of Regulatory Differences (generic VIs and SDs) for current amendment pairs. The generic VIs and SDs are regulations, identified by each authority, that must be actively reviewed for all type validations of engine products. Some items may be retained, others may be delegated, depending on complexity and experience, and some may not be applicable. For the Agency, PCMs are responsible to make these determinations.

3. EASA CERTIFICATION POLICY

3.1. EASA POLICY

The lists generic VIs and SDs for various amendment pairs are attached in the Annex A for turbine engines and Annex B for piston engines. It should be understood that it is not necessary to cover all combinations of amendments in the pairs, those included are only those considered likely to occur in practice.

3.2. WHO THIS CERTIFICATION MEMORANDUM AFFECTS

Applicants for EASA engine Type Certificate who are primarily under FAA jurisdiction.

4. REMARKS

1. This EASA Proposed Certification Memorandum will be closed for public consultation on the **11th of December 2012**. Comments received after the indicated closing date for consultation might not be taken into account.
2. Comments regarding this EASA Proposed Certification Memorandum should be referred to the Certification Policy and Planning Department, Certification Directorate, EASA. E-mail CM@easa.europa.eu or fax +49 (0)221 89990 4459.
3. For any question concerning the technical content of this EASA Proposed Certification Memorandum, please contact:

Name, First Name: Tony Boud








Function: Project Certification Manager Propulsion

Phone: +49 (0)221 89990 4056





Facsimile: +49 (0)221 89990 4556

E-mail: tony.boud@easa.europa.eu

ANNEX A – TURBINE ENGINES

	CS-E amend 3	CS-E amend 2	CS-E amend 1	CS-E amend 0
Part 33 amend 33		 CS-E Amendm1,2,& 3-FAR33Amendm31,3		
Part 33 amend 32				
Part 33 amend 31				
Part 33 amend 30		 CS-E Amendm1,2,& 3 - FAR33 Amendm30		
Part 33 amend 29			 CS-E Amendm1 - FAR33Amendm29 tur	
Part 33 amend 28			 CS-E Amendm1 - FAR33Amendm28 tur	
Part 33 amend 27				
Part 33 amend 26			 CS-E Amendm1 - FAR33Amendm26 tur	
Part 33 amend 25				
Part 33 amend 24				 CS-E Amendm0 - FAR33 Amendm24 tur
Part 33 amend 23				
Part 33 amend 22				
Part 33 amend 21				
Part 33 amend 20				 CS-E Amendm0 - FAR33 Amendm20.pc

ANNEX B – PISTON ENGINES

	CS-E amend 3	CS-E amend 2	CS-E amend 1	CS-E amend 0
Part 33 amend 33	 CS-E Amendm1,2,3-FAR33			
Part 33 amend 32				
Part 33 amend 31				
Part 33 amend 30				
Part 33 amend 29				
Part 33 amend 28			 CS-E Amendm1- FAR33 Amendm26,27	
Part 33 amend 27				
Part 33 amend 26				
Part 33 amend 25				
Part 33 amend 24			 CS-E Amendm1- FAR33 Amendm24 pis	 CS-E Amendm0 - FAR33 Amendm24 pis