

CULTURE ?

REGULATED SYSTEM

COUNCIL OF THE EUROPEAN COMMUNITIES
COMMISSION OF THE EUROPEAN COMMUNITIES



TREATY ON EUROPEAN UNION



CODE OF FEDERAL REGULATIONS



CFR

OFFICE OF THE FEDERAL REGISTER

AVIATION



Latest information is available via <https://www.easa.europa.eu/regulations>
 including *Acceptable Means of Compliance, Guidance Material (AMC/GM) and Certification Specifications (CS)*
 View our FAQs via <https://www.easa.europa.eu/the-agency/faqs>.

	IR: Implementing regulation DR: Delegated regulation	Annexes
Basic Regulation	IR: (EU) 2018/1139	
Initial Airworthiness	IR: (EU) No 748/2012	Annex I: Part-21
Additional airworthiness specifications for operations	IR: (EU) 2015/640	Annex I: Part-26
Continuing airworthiness	IR: (EU) No 1321/2014	Annex I: Part-M Annex II: Part-145 Annex III: Part-66 Annex IV: Part-147 Annex V: Part-T
Aircraft	IR: (EU) No 1178/2011	Annex I: Part-FCL Annex II: Conversion of non-EU licences Annex III: Licences of non-EU states Annex IV: Part-MED Annex V: Part-CC Annex VI: Part-ARA Annex VII: Part-ORA Annex VIII: Part-DTO
Air operations	IR: (EU) No 965/2012	Annex I: Definitions Annex II: Part-ARO Annex III: Part-ORO Annex IV: Part-CAT Annex V: Part-SPA Annex VI: Part-MCC Annex VII: Part-MCO Annex VIII: Part-SPO
Balloons - Air Operations	IR: (EU) 2018/395	Annex I: Part-DEF Annex II: Part-BOP
Third country operations	IR: (EU) No 452/2014	Annex I: Part-TCO Annex II: Part-ART
ATM/ANS	IR: (EU) 2017/373	Annex I: Definitions Annex II: Part-ATM/ANS.AR Annex III: Part-ATM/ANS.OR Annex IV: Part-ATS Annex V: Part-MET Annex VI: Part-AIS Annex VII: Part-DAT Annex VIII: Part-CNS Annex IX: Part-ATFM Annex X: Part-ASM Annex XI: Part-ASD Annex XII: Part-NM Annex XIII: Part-PERS
Air Traffic	IR: (EU) 2015/340	Annex I: Part-ATCO Annex II: Part-ATCO.AR Annex III: Part-ATCO.OR Annex IV: Part-ATCO.MED
Airspace usage requirements (ACAS II)	IR: (EU) No 1332/2011	Annex: ACAS
Airspace usage requirements (PBN)	IR: (EU) 2018/1048	Annex: Subpart PBN
SERA	IR: (EU) No 923/2012	Annex: Standardised European rules of the air
Aerodynamics	IR: (EU) No 139/2014	Annex I: Definitions Annex II: Part-ADR.AR Annex III: Part-ADR.OR Annex IV: Part-ADR.OPS
SKPI - Safety Key Performance Indicators	IR: (EU) 2019/317	
Seaplanes - Air Operations	IR: (EU) 2018/1976	Annex I: Part-DEF Annex II: Part-SAO
Unmanned Aircraft Systems (UAS) (Rules and procedures for the operation of unmanned aircraft)	IR: (EU) 2019/947	Annex: UAS ops in the 'Open' and 'Specific' categories
Unmanned Aircraft Systems (UAS) (Rules for design and manufacture of Unmanned aircraft systems and rules for third-country operators of unmanned aircraft systems)	DR: (EU) 2019/945	Annex: Annex



CODE OF FEDERAL REGULATIONS

14

Parts 1 to 1399
 Revised as of January 1, 2019

Aeronautics and Space

RULES TREE

EASA

CFR

Basic Reg.

Title 14

Part 1 – 1399



> 20.000

Pages each ...

...

CIRCULARS

DIRECTIVES

BULLETINS

AMC & GM

ALTERNATIVE MoC

National Regulation

...

... OPERATORS

OPS. MANUALS

SOP'S

CK-LIST

Normal, Non-Normal, Abnormal, Emergency

...

BUT ...

ACCIDENTS STILL HAPPEN !

ACC. INVESTIGATION

REAL WORD FEED-BACK

- . Humans do err, get confused
- . Regulation set only the...

MINIMA REQUIREMENT !

SO...

... Human is central

a huge space where

Awareness

Behavior

Interaction

Communication...

Make the difference in a ...

Unspectable, Mistakable, Ambiguous, Complex

CIRCUMSTANCES

(HUMAN FACTORS)

WHERE TO GO ?

Behavior

Awareness

Motivation

are...

CULTURAL FACTORS !

CULTURE

- CULTURE become CENTRAL
- CULTURE has a CONTEXT
- CULTURE is a LEVER

JUST ?

Regulation

continue

to define

(more pages)

R. 2003/42

J. C. Definition

A culture in which front-line operators or other persons are not punished for actions, omissions or decisions taken by them that are commensurate with their experience and training, but in which gross negligence, willful violations and destructive acts are not tolerated.

Actions, decisions, omission outcome is treated by the Penal Code too!

JUST CULTURE ?

*Il
dibattito
è
aperto !*