

Preamble and Contents Effective: 05/07/2012

The following is a list of CS-ETSO and Subparts affected by this amendment.

Subpart A	amended (NPA 2011-12)
Subpart B Index 1	amended (NPA 2011-12)
Subpart B Index 2	amended (NPA 2011-12)
ETSO-C31d	deleted (NPA 2011-12)
ETSO-C32d	deleted (NPA 2011-12)
ETSO-C55	replaced by ETSO-C55a (NPA 2011-12)
ETSO-C62d	replaced by ETSO-C62e (NPA 2011-12)
ETSO-C90c	replaced by ETSO-C90d (NPA 2011-12)
ETSO-C95	replaced by ETSO-C95a (NPA 2011-12)
ETSO-C126a	newly introduced (NPA 2011-12)
ETSO-C129a	deleted (NPA 2011-12)
ETSO-C154c	newly introduced (NPA 2011-12)
ETSO-C157a	newly introduced (NPA 2011-12)
ETSO-C158	newly introduced (NPA 2011-12)
ETSO-C159a	newly introduced (NPA 2011-12)
ETSO-C161a	newly introduced (NPA 2011-12)
ETSO-C162a	newly introduced (NPA 2011-12)
ETSO-C166a	replaced by ETSO-C166b (NPA 2011-12)
ETSO-C170	newly introduced (NPA 2011-12)
ETSO-C172	newly introduced (NPA 2011-12)
ETSO-C179a	newly introduced (NPA 2011-12)
ETSO-C184	newly introduced (NPA 2011-12)
ETSO-C194	newly introduced (NPA 2011-12)
ETSO-C195a	newly introduced (NPA 2011-12)
ETSO-C196a	newly introduced (NPA 2011-12)
ETSO-2C70a	replaced by ETSO-2C70b (NPA 2011-12)
ETSO-2C126	deleted (NPA 2011-12)
ETSO-2C197	newly introduced (NPA 2011-12)

In Subpart A – GENERAL; the environmental standard paragraph 2.1 is replaced by the following:

SUBPART A – GENERAL

2.1 Environmental standards:

Unless otherwise stated in the paragraph 3.1.2 of the specific ETSO, the applicable environmental standards are contained in EUROCAE/RTCA document ED-14D change 3/DO-160D "Environmental Conditions and Test Procedures for Airborne Equipment", change 3 dated December 2002, or ED-14E/DO-160E dated March 2005 or ED-14F/DO-160F dated March 2008 or ED-14G/RTCA-160G dated December 2010.

It is not permissible to mix versions within a given qualification programme.

The following ETSO are deleted from Subpart B Index 1:

SUBPART B

Index 1

....

ETSO-C31d HF Transmitting Equipment

ETSO-C32d HF Receiving Equipment

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ETSO-C129a Airborne Supplemental Navigation Equipment Using Global
Positioning System (GPS)

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The following revised ETSO are replacing ETSO-C55, ETSO-C62d, ETSO-C9c,
ETSO-C95, and ETSO-C166a in Subpart B Index 1 table of content:

SUBPART B

Index 1

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ETSO-C55a Fuel and Oil Quantity Instruments

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ETSO-C62e Aircraft Tyres

....

ETSO-C90d Cargo Pallets, Nets and Containers

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ETSO-C95a Mach Meters

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ETSO-C166b Extended Squitter Automatic Dependent Surveillance -
Broadcast (TIS-B) Equipment Operating on the Radio Frequency
of 1090 Megahertz (MHz)

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The following new ETSO are inserted in Subpart B Index 1 table of content:

SUBPART B

Index 1

....	
ETSO-C126a	406MHz Emergency Locator Transmitter
....	
ETSO-C154c	Universal Access Transceiver (UAT) Automatic Dependent Surveillance - Broadcast (ADS-B) Equipment Operating on the Frequency of 978 MHz
....	
ETSO-C157a	Aircraft Flight Information Services-Broadcast (FIS-B) Data Link Systems and Equipment
ETSO-C158	Aeronautical Mobile High Frequency Data Link (HF DL) Equipment
ETSO-C159a	Avionics Supporting Next Generation Satellite Systems (NGSS) = Airborne Iridium Satellite Transceiver for Voice or Data
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ETSO-C161a	Ground Based Augmentation System Positioning and Navigation Equipment
ETSO-C162a	Ground Based Augmentation System Very High Frequency Data Broadcast Equipment
....	
ETSO-C170	High Frequency (HF) Radio Communications Transceiver Equipment Operating Within the Radio Frequency 1.5 to 30 Megahertz
....	
ETSO-C172	Cargo Restraint Strap Assemblies
.....	
ETSO-C179a	Permanently Installed Rechargeable Lithium Cells, Batteries, and Battery Systems
.....	
ETSO-C184	Airplane Galley Insert Equipment, Electrical/Pressurised
....	
ETSO-C194	Helicopter Terrain Awareness and Warning System (HTAWS)
ETSO-C195a	Avionics Supporting Automatic Dependent Surveillance - Broadcast (ADS-B) Aircraft Surveillance
ETSO-C196a	Airborne Supplemental Navigation Sensors for Global Positioning System Equipment Using Aircraft-Based Augmentation

The following ETSO are deleted from Subpart B Index 2:

SUBPART B

Index 2

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ETSO-2C126 406MHz Emergency Locator Transmitter (ELT)

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The following revised ETSO replaces ETSO-2C70a in Subpart B Index 2 table of content:

SUBPART B

Index 2

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ETSO-2C70b Liferafts (reversible and nonreversible)

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The following new ETSO is inserted in Subpart B Index 2 table of content:

SUBPART B

Index 2

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ETSO-2C197 Information Collection and Monitoring Systems

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