



European Union Aviation Safety Agency

# 7<sup>th</sup> AD Workshop

## Adoption of Foreign ADs

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November 26<sup>th</sup> 2019

**Your safety is our mission.**

An Agency of the European Union 

# Basic Principles

In accordance with Commission Regulation (EU) 748/2012, Annex I (Part 21), article 21.A.3B (a):

“An airworthiness directive means a document issued or adopted by the Agency which mandates actions to be performed on an aircraft ....”

As stated in EDD 2019/18/ED:

“It is common practice for imported products and parts to rely on the state of design to first detect whether unsafe conditions require the issuing of an airworthiness directive”.

# How EASA adopts ADs issued before 28 Sept 2003

AD issued before 28 September 2003 (start date of EASA) by State of Design Authorities (Both EASA and Non EASA Member States) have been adopted by way of:

- Commission Regulation (EU) 748/2012, article 3, paragraph 1(a)(iii), dealing with “Continued validity of TC and related CofA”

With regard to products which had a type-certificate, or a document allowing the issuing of a certificate of airworthiness, issued before 28 September 2003 by a Member State, the following provisions shall apply:

- (a) the product shall be deemed to have a type-certificate issued in accordance with this Regulation when:
  - (i) ....
  - (ii) ....
  - (iii) the applicable airworthiness directives were those of the State of Design.

# AD Adoption Exercise - Question

DGAC France AD 92-012-IMP(A)

- Applicable to an European Product (glider Schleicher type AS-K 13)
- Dated 08 January 1992
- Requires repetitive inspections

**Question:**

Is this AD applicable in the EASA system?

<p>BUREAU VERITAS</p> <p><b>CONSIGNE DE NAVIGABILITE</b></p> <p>définie par la DIRECTION GENERALE DE L'AVIATION CIVILE</p> <p><i>Les examens ou modifications décrits ci-dessous sont impératifs. La non application des exigences contenues dans cette consigne entraîne l'incapacité au vol de l'aéronef concerné</i></p>
<p><u>Planeurs SCHLEICHER ASK 13</u></p> <p>Support de renvoi de commande aérofreins</p> <p>La présente Consigne de Navigabilité s'applique aux planeurs SCHLEICHER type ASK 13.</p> <p>A : numéros de série 13000 à 13689 B : tous numéros de série</p> <p>Afin d'éviter une possible rupture du support de renvoi de commande d'aérofreins situé à la nervure d'emplanture de l'aile, les mesures préconisées par la note technique SCHLEICHER N° 14, sont rendues impératives à compter de la date d'entrée en vigueur de la présente Consigne de Navigabilité :</p> <p>A : à la prochaine visite annuelle et au plus tard le 31 mars 1992 B : ensuite, lors des visites annuelles suivantes</p> <p>Mention de l'application de cette Consigne devra être portée sur le livret planeur.</p>

# AD Adoption Exercise – Answer 1/2

## Answer:

No, that AD is not applicable.

France is not (and more important: was not, on the issue date of that AD) the State of Design of that product

Relevant German AD is applicable (LBA LTA 1991-173)

Luftfahrt-Bundesamt

3300 Braunschweig, den 24.10.91  
Flughafen

I 63-303.61/91-173

### Hinweis:

Durch diese Mitteilung unterrichtet Sie das LBA vorab über den Inhalt einer Lufttüchtigkeitsanweisung (LTA), deren Text demnächst in den Nachrichten für Luftfahrer, Teil II (NfL II) rechtsverbindlich bekanntgemacht werden wird.

### LUFTTÜCHTIGKEITSANWEISUNG

Nach § 14 der Betriebsordnung für Luftfahrtgerät wird nachstehende Lufttüchtigkeitsanweisung (LTA) erlassen. Ein durch sie betroffenes Luftfahrtgerät darf nach dem in der LTA angegebenen Termin, außer für Zwecke der Nachprüfung nur in Betrieb genommen werden, wenn die angeordneten Maßnahmen ordnungsgemäß durchgeführt worden sind.

91-173 Schleicher

Datum der Ausgabe:  
24. Oktober 1991

### Betroffene Segelflugzeuge:

Geräte-Nr. 267

AS-K 13

A: von Werk-Nr. 13000 bis 13689

B: alle Werk-Nummern

Die nachstehend bezeichnete Technische Mitteilung des Herstellers gibt Anlaß, eine Lufttüchtigkeitsanweisung mit der folgenden Nummer bekanntzugeben.

LTA-Nr.	Betrifft	Technische Mitteilung des Herstellers	Maßnahmen und Fristen
91-173	Bremsklappen-Steuerung, Lagerböcke und Verriegelung - Riß- und Bruchbildung - Überprüfung u. Reparatur - Einstellung der Verknüpfungskraft	Schleicher ASK 13 TM Nr. 14 vom 27.09.91	Gemäß den Angaben in der Technischen Mitteilung A: bei der nächsten Jahresnachprüfung, spätestens zum 31.03.92 B: bei jeder Jahresnachprüfung (dazu siehe Punkt 4 der TM)

Die Technische Mitteilung wird hiermit Bestandteil dieser Lufttüchtigkeitsanweisung.

### Durchführung und Bescheinigung:

Die Maßnahmen können von einer sachkundigen Person durchgeführt werden und sind von einem dazu berechtigten Prüfer zu bescheinigen. Die Vorschriften über die Führung der Betriebsaufzeichnungen gemäß § 15 der Betriebsordnung für Luftfahrtgerät sind zu beachten.

## AD Adoption Exercise – Answer 2/2

*Note: Actions accomplished before 28 September 2003, based on an AD issued by an EASA State of Registry authority, in deviation from a State of Design AD, remain ‘valid’ in the sense that such actions constitute compliance with the State of Design AD for the same subject.*

[More information available at this FAQ in the EASA website](#)

# How EASA adopts ADs issued after 28 Sept 2003

AD issued after 28 September 2003 (start date of EASA) by Foreign State of Design Authorities (Non EASA Member States) have been / are adopted by way of:

- Executive Director Decision 01/2003 (from 28 September 2003)
- Executive Director Decision 02/2003 (from 14 October 2003)
- Executive Director Decision 2019/018/ED (from 03 June 2019)

Each ED decision repealing the previous

# EDD 2019/018/ED – What's new

## EDD 02/2003

Article 1: Any airworthiness directive issued by a state of design for an aircraft imported from a third country, or for an engine, propeller, part or appliance imported from a third country and installed on an aircraft registered in an EU Member state, shall apply unless the Agency has issued a different Decision before the date of entry into force of that airworthiness directive.

## EDD 2019/018/ED

Article 1: For a design of or a design change related to an aircraft, engine, propeller, part or appliance, which has been validated by EASA, or before 28 September 2003, by an EASA Member State, any airworthiness directive issued by the State of Design of that aircraft, engine, propeller, part or appliance, or design change, shall apply as of their effective date, unless the Agency adopts a different Decision.



# EDD 2019/018/ED – What's new (cont'd)

## EDD 02/2003

Article 1: Any airworthiness directive issued **by a state of design** **for an aircraft imported from a third country**..... shall apply unless the Agency has issued a different Decision before the date of entry into force of that airworthiness directive.

**What if the affected product is not validated in EU?**

## EDD 2019/018/ED

Article 1: **For a design of** or a design change related to **an aircraft**, engine, propeller, part or appliance, **which has been validated by EASA**, or before 28 September 2003, by an EASA Member State, **any airworthiness directive issued by the State of Design of that aircraft**, engine, propeller, part or appliance, or design change, **shall apply as of their effective date**, unless the Agency adopts a different Decision.

# AD Adoption Exercise 2 - Question

## FAA AD 2019-21-09

- Applicable to an European Product (Aviointeriors Seats)
- Seats known to be installed on, but not limited to, Boeing 777
- Effective 18 Dec 2019

## Question

Is this AD eligible for adoption by EASA?



FAA  
Aviation Safety

## AIRWORTHINESS DIRECTIVE

[www.faa.gov/aircraft/safety/alerts/](http://www.faa.gov/aircraft/safety/alerts/)  
[www.gpoaccess.gov/fr/advanced.html](http://www.gpoaccess.gov/fr/advanced.html)

2019-21-09 Aviointeriors S.p.A.: Amendment 39-19775; Docket No. FAA-2019-0557; Product Identifier 2019-NE-17-AD.

### (a) Effective Date

This AD is effective December 18, 2019.

### (b) Affected ADs

None.

### (c) Applicability

(1) This AD applies to Aviointeriors S.p.A. (Aviointeriors) Centaurus Economy Class 13E, 13H, and 13K passenger seats with a seat part number (P/N) listed in Figure 1 to paragraph (c)(1) of this AD, with life vest pouch, P/N 313907100004, installed.

Figure 1 to Paragraph (c)(1) – Passenger Seat P/Ns

Seat Type	Passenger Seat P/Ns		
13E	13EA5Z5204JV	13EA9Z5506JV	13EG7Z1204RV
	13EA5Z5203JV	13EG5Z1204RV	13EG6Z5703RV
	13EA5Z5304JV	13EG5Z1203RV	13EG6Z5704RV

(2) These appliances are installed on, but not limited to, Boeing 777-200 and 777-300 airplanes.

# AD Adoption Exercise 2 – Answer

## Answer:

No, that AD is not eligible for adoption by EASA.

The AD is applicable to Aviointeriors seats, for which EASA is State of Design.

Reference to “installed on Boeing 777” is not relevant to identify the State of Design.

*Note: See also EASA AD 2018-0264*



## Airworthiness Directive

AD No.: 2018-0264R1

Issued: 04 April 2019

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

**Design Approval Holder's Name:**

AVIOINTERIORS S.p.A.

**Type/Model designation(s):**

Centaurus passenger seats

**Effective Date:**

Revision 1: 04 April 2019

Original issue: 21 December 2018

**ETSO Authorisations:** EASA.210.676, EASA.210.686 and EASA.210.722

**Foreign AD:**

Not applicable

**Revision:**

This AD revises EASA AD 2018-0264 dated 07 December 2018.

## ATA 25 – Equipment / Furnishings – Life Vest Pouch – Inspection

**Manufacturer(s):**

Aviointeriors

**Applicability:**

Centaurus Economy Class 13E, 13H and 13K passenger seats, having a Part Number (P/N) as identified in Appendix 1 of this AD, all serial numbers.

These seats are known to be installed on, but not limited to, Boeing 777-200 and 777-300 aeroplanes.

# EDD 2019/018/ED – What's new (cont'd)

EDD 02/2003 does not include reference to ADs applicable to STC-modified products.












## EDD 02/2003

Any airworthiness directive issued by a state of design for an aircraft imported from a third country, or for an engine, propeller, part or appliance imported from a third country and installed on an aircraft registered in an EU Member state, shall apply unless the Agency has issued a different Decision before the date of entry into force of that airworthiness directive.

## EDD 2019/018/ED

For a design of or a **design change** related to an aircraft, engine, propeller, part or appliance, **which has been validated by EASA**, or before 28 September 2003, by an EASA Member State, **any airworthiness directive issued by the State of Design of that** aircraft, engine, propeller, part or appliance, or **design change**, shall apply as of their effective date, unless the Agency adopts a different Decision.

# AD applicable to STC-modified products – examples

Number	Issued by	Issue date ▼	Subject	Approval Holder / Type Designation
<a href="#">US-2019-16-16</a>		2019-09-12	Engine Air Intake System - Rotorcraft Flight Manual Supplement - Revision	 AEROMETALS, INC.  EASA STC 10040685  FAA STC SR00811SE  STC EASA.IM.R.S.00273  AEROSPACE FILTRATION SYSTEMS, INC  EASA STC 10017072  STC EASA.IM.R.S.01509  STC SR02393CH  AIRBUS HELICOPTERS  AS 350 / EC 130

EASA STC no.	STC Holder	Rev. level	Foreign/NAA STC ref.	Models
10040685 (EASA.IM.R.S.00273)	AEROFDC WA LP	REV. 2	FAA STC SR00811SE	AS350 B, AS350 B1, AS350 B2 AS350 B3, AS350 BA

# EDD 2019/018/ED – What's new (cont'd)

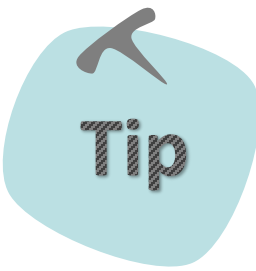
EDD 02/2003 requires a decision not to adopt an AD must be taken and published before the date of entry into force of the airworthiness directive.

## EDD 02/2003

Article 1: Any airworthiness directive .... shall apply **unless the Agency has issued a different Decision before the date of entry into force of that airworthiness directive.**

## EDD 2019/018/ED

Article 1: ... any airworthiness directive ... shall apply as of their effective date, **unless the Agency adopts a different Decision.**



An AD fulfilling the conditions of Article 1 of EDD 2019/018/ED is applicable, in the EU system, unless the Agency adopts a different decision, even if that AD is not posted in the EASA Safety Publication tool.

***IT IS RECOMMENDED FOR OPERATORS TO REVIEW THE STATE OF DESIGN AUTHORITY WEBSITES, OR TO SUBSCRIBE TO THEIR NOTIFICATION SYSTEM.***

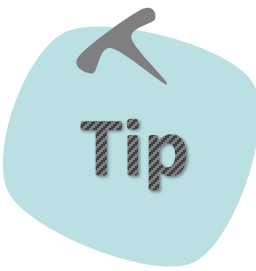


# EDD 2019/018/ED – What's new – Conclusion

With the new EDD 2019/018/ED, there is no real change in the process leading to adoption of AD issued by non-EASA member states. The new EDD provides a clearer wording, removing room for misunderstanding.

The intent of the two EDDs is actually unchanged: as an example, AD issued by non-EASA Member States on STC-modified aircraft have been adopted, “as applicable”, even under the provision of EDD 2003/02.





Don't follow my example in the previous slides  
(when single sentences have been highlighted),  
especially when you are reading an AD

***AD SHOULD BE READ IN THEIR ENTIRETY!***



# Thank you for your participation!

For any (further) questions,  
please provide these during the Q&A session at the end of the AD Workshop,  
or submit these in Slido during the Workshop.

If there is insufficient time during the Q&A for all questions,  
EASA will provide a written answer after the AD Workshop.

E-mail [ads@easa.europa.eu](mailto:ads@easa.europa.eu)

[easa.europa.eu/connect](https://easa.europa.eu/connect)



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