



EASA
European Aviation Safety Agency

ETSO workshop 2018

Technical Implementation Procedures Rev 6 to the US-EU Bilateral Agreement

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19/09/2018

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Reciprocal acceptance – TIP Rev 6 (1/2)

- TIP Rev 6 – September 22, 2017
 - Rev 6 Amendment 1 – June 22, 2018
- Automatic acceptance of the exporting TSOA/ETSOA
- Including former national approval (JTSOA, ...)
 - But only when the state of design is an EU member state





Reciprocal acceptance – TIP Rev 6 (2/2)



- No more validation
 - FAA no more signs LODA for EU applicants
 - EASA signs no more ETSOA for US applicants

- Minor changes with update of the certificate
 - No update of the importing authority certificate
 - E.g. no LODA update for ETSOA updates

- Marking: no reference to the importing standard for new authorizations
 - E.g. no TSO-CXX on EASA type holders articles



Installation

- Authorized article, but does not stand for an installation approval.
At installation, need to show :
 - Compliance to installation requirements
 - Assessment of deviations and Open Problem Reports
 - Compliance to installation certification basis



SUPPORTING DATA NEED TO BE AVAILABLE TO THE INSTALLER



Particular cases - TIP Rev 6 §3.3.3.1 (c) (1/5)

- If no corresponding ETSO (resp. TSO) standard
- Then the Authorization can be given in accordance with the importing standard (cf TIP section 3.3.3.1 (c))
- No corresponding means
 - no standard with the same number
 - e.g. TSOA based on ETSO-2C505
 - same number, but the exporting standard is more stringent
 - e.g. TSOA based on ETSO-2C169a (as more stringent than TSO-C169a)
 - But no ETSOA based on TSO-C153 (as less stringent than ETSO-2C153)
 - The FAA requires TSOA approval prior to seeking design approval to an ETSO in this case



Particular cases - TIP Rev 6 §3.3.3.1 (c) (2/5)

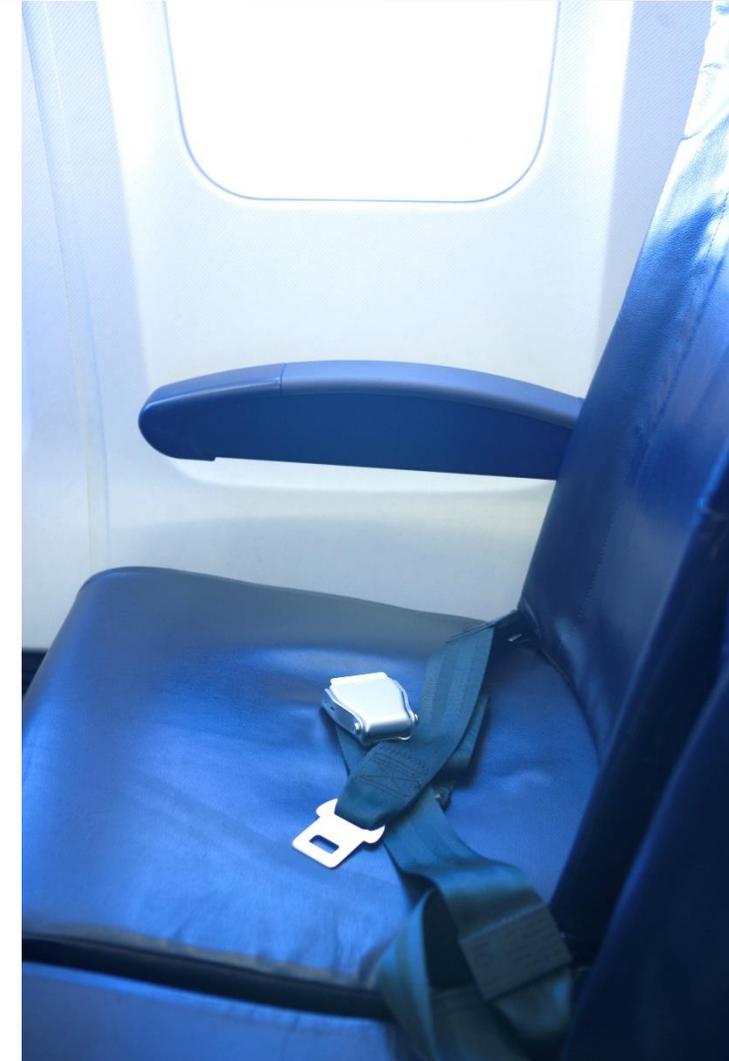
- When ETSO is not yet updated,
 - using a 'positive' deviation is the correct path
 - e.g. ETSOA on C142a with deviation to use DO-227A
 - In preference to ETSOA in accordance with FAA TSO-C142b





Particular cases - TIP Rev 6 §3.3.3.1 (c) (3/5)

- Different standards (e.g. ETSO-2CXXX) may result in additional activities of compliance demonstration at installation level





Particular cases - TIP Rev 6 §3.3.3.1 (c) (4/5)

➤ Practicalities:

➤ ETSOA refers to

- the FAA TSO standard
- TIP section 3.3.3.1 (c)

➤ Marking

- « Found to meet TSO-CXXX, authorized in accordance with TIP Rev 6, section 3.3.3.1 (c) »





Particular cases - TIP Rev 6 §3.3.3.1 (c) (5/5)

➤ Practicalities:

➤ TSOA refers to

- the EASA ETSO standard
- approval under 14 CFR 21.8(d)

➤ Marking

- Dual TSOA/ETSOA marking permissible, or list ETSO in the installation manual
- «Found to meet ETSO-CXXX and approved under 14 CFR 21.8(d)»





➤ Common FAA-EASA-TCCA FAQ on TIP

The screenshot shows the EASA website header with the EASA logo and navigation links: 'the agency', 'newsroom & events', 'EASA & you', 'regulations', 'document library', and 'can we help you?'. Below the navigation is a list of categories: 'Fees & charges', 'General Aviation', 'International cooperation', 'Recruitment', and 'Certification of products and organisations'. A purple call-to-action box says 'Can we help you? For a quick response visit our FAQ Knowledge base Got a question?'. At the bottom, a red-bordered box highlights the title 'FAA Technical Standard Order Authorization (TSOA) and EASA European TSOA (ETSOA) Reciprocal Acceptance Frequently Asked Questions (FAQs)'.

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Thank you for your attention!

Any questions?

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