

**Clearance Record
DOCUMENT COMMENT LOG**

Originating Office: AIR-130	Document Description: TSO-C145d/C204 Field Review	Project Lead: Kevin Bridges	Reviewing Office:	Date of Review:
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Comment Number	Page & Paragraph	Comment	Rationale for Comment	Recommendation	Disposition
1. ANE-150		What Happens when a TSO-C145d applicant uses a CCA functional sensor that is not TSO-C206 approved (TSO process is purely elective)? Shouldn't TSO-C145d spell out the FAA's expectation for this scenario?	Need to explain what FAA expectation is if TSO'd CCA is not used.	Add a paragraph describing what qualifications need to be done if a TSO'd CCA is not used.	<p>Partially Accepted. An applicant not taking compliance data credit for a TSO'd CCA in their TSO-C145d application is responsible for developing the full range of compliance data to receive TSOA under TSO-C145d. This is what happens today for TSO-C145c.</p> <p>TSO-C145d, section 3 second paragraph has been changed as follows for clarification:</p> <p>TSO-C145d applicants have the option to use a TSO-C204 SBAS CCA functional sensor. Applicants choosing to use a TSO-C204 SBAS CCA can take certification compliance credit by virtue of the TSO-C204 TSOA for:</p>

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2. ACE-100	TSO-C206 Page 1 Para. 1. Purpose	<p>The 2nd part of the Purpose paragraph may be re-phrased to improve readability.</p> <p>“TSO-C206 encompasses the requirements in TSO-C145d, but does not include credit for all of the MPS performance tests necessary in the end-use equipment. TSO-C206 is intended as a means for end-use equipment manufacturers incorporating the SBAS CCA functional sensor to streamline their TSO-C145d application for a Class Beta position/velocity/time (PVT) sensor by receiving partial certification credit for the SBAS CCA functional sensor.”</p>	Clarity - editorial	<p>Proposed text change –</p> <p><i>“TSO-C206 encompasses a subset of the TSO-C145d requirements, and provides a means to allow end-use equipment manufacturers to receive certain certification credit when incorporating the SBAS CCA in their TSO-C145d application for a Class Beta position/velocity/time (PVT) sensor.”</i></p>	<p>Partially Accepted. The suggested re-write can be misinterpreted because the MOPS performance requirements in DO-229D section 2.1 are fully satisfied. That is, TSO-C206 is not a subset of the performance requirements.</p> <p>The sentences in question have been changed as follows:</p> <p>TSO-C206 is intended as a means for end-use equipment manufacturers incorporating the SBAS CCA to streamline their TSO-C145d application for a Class Beta position/velocity/time (PVT) sensor by using the TSO'd SBAS CCA for partial certification credit.</p>
3. ACE-100	TSO-C206 Page 6 Paragraph 8.g	AC 23-1309-1 should be corrected as AC 23.1309-1E.	AC references	Proposed text change – AC 23.1309-1E, or AC 23.1309-1()	Accepted.

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4. ACE-100	Title Page	At this time, there are three unit-level TSOs being revised, and three component-level TSOs being created (each component-level TSO is referenced by one of the corresponding unit-level TSOs). The numbering sequence of the component-level TSOs does not follow ascending sequence of the corresponding unit-level TSOs.	It would make intuitive sense for the component-level TSOs to follow the same ascending sequence as their respective unit-level TSO.	Re-number CCA TSO-C206 to TSO-C204. Note: Reference Trackers: (1) #2787 (TSO-C196b & TSO-C205) and (2) #2789 (TSO-C146d & TSO-C204)	Accepted. The CCA TSO numbering has been changed to ascending order consistent with the associated GNSS TSOs: C204 with C145. C205 with C146. C206 with C196.