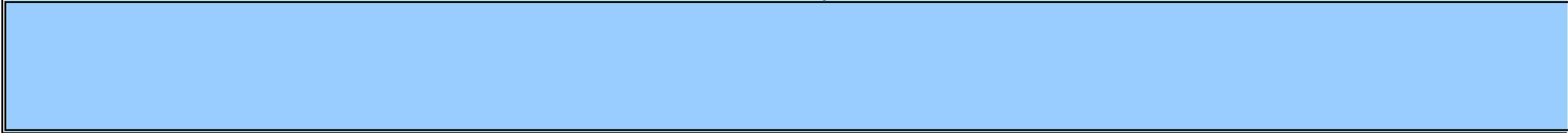


Comments for Draft Revisions (Not Applicable to Directives; Refer to Directive Management Officer for Directive Comment Format)



[For detailed instructions on how to fill out the columns below, please see the Instructions sheet.](#)

Comments Submitted By:	Ian Won
Organization:	ANM-115
Phone:	425-227-2145

#	Document Name	Page Number	Paragraph Number	Referenced Text	Comment/Rationale or Question	Proposed Resolution	Comment Type (Conceptual, Editorial, or Format)	Disposition/Response to Comment	
1	TSO-C172a		6	Table, Section 3	"Disregard 3.14"	Although this note was in the previous revision to the TSO, there are no other provisions for competency of person(s) carrying out tests/examinations for compliance to AS5385C beyond this 3.14 nor covered in the TSO. Therefore, there is no criteria if this requirement is removed (as done on previous revision).	Remove note to "disregard 3.14"	Conceptual	Not adopted. Defining an objective way to measure a "Competent Person" is out of scope.
2	TSO-C172a		6	Table, Section 3	"Disregard 3.15"	Removing the requirement for a traceability code as required by AS5385C seems inappropriate and problematic should in-service problems arise.	Remove note to "disregard 3.15"	Conceptual	Not adopted. While traceability codes are a good idea, they need to be part of the quality program.
3	TSO-C172a		6	Table, Section 4	"Disregard 4.9.1"	Although this note was in the previous revision to the TSO, removing the requirement for documentation of webbing and sewing information as required by AS5385C seems inappropriate and problematic should in-service problems arise.	Remove note to "disregard 4.9.1"	Conceptual	Not adopted. Material selection for the webbing and sewing should be addressed under the quality program.

[For detailed instructions on how to fill out the columns below, please see the Instructions sheet.](#)

Comments Submitted By: David Rathfelder

Organization: ANM-120L

Phone: 562-627-5229

#	Document Name	Page Number	Paragraph Number	Referenced Text	Comment/Rationale or Question	Proposed Resolution	Comment Type (Conceptual, Editorial, or Format)	562-627-5229
1	TSO-172a	1	3(b)	There is no standard minimum failure condition classification for this TSO.	Does this imply that the AS5385C minimum failure requirement of 5,000 lb (ultimate) can be changed by the TSO holder? Can the minimum ultimate cargo strap force be now reduced to 1.0 lb or increased to 10,000 lb? If this assumption is correct, how will airline operators and cargo load masters correctly control the intended use of equipment for a specific aircraft usage?	Remove paragraph number 3(b) or clarify the limitations for the "Referenced Text" to address my comments.	Conceptual	Incorporated change and removed paragraph per your recommendation.
1	TSO-172a	2	3(d)(2)	For textile performance see SAE Aerospace Information Report (AIR) 1490B, Environmental Degradation of Textiles, dated December 2007.	SAE (AIR) 1490B for "Environmental Degradation of Textiles" was not found to be generally accessible to FAA ACO employees (on the web), to support an evaluation of this TSO.	Provide better clarification of the web link so that FAA employees may access document number SAE (AIR) 1490B. I understand the SAE documents are currently accessible in a Sharepoint website. FAA employees are generally not aware of this website.	Conceptual	Copies of SAE documents are kept on the AIR100 SharePoint. Revision history can be checked at: http://www.sae.org/

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Comments Submitted By: Leslie B Taylor

Organization: ACE-111

Phone: 816-329-4134

#	Document Name	Page Number	Paragraph Number	Referenced Text	Comment/Rationale or Question	Proposed Resolution	Comment Type (Conceptual, Editorial, or Format)	Disposition/Response to Comment
1	Draft TSO-C172a	2	4.c	Mark each cargo restraint strap assembly permanently and legibly in accordance with SAE AS5385C, Section 7.3.	Appendix 1 on Page 7 reads: "Apply per Paragraph 4 of this TSO. Thus, draft TSO says meet SAE document markings and meet paragraph 4 in another place. Marking in TSOs is typically per the TSO Paragraph 4 not per a SAE document.	Change Page 7, Appendix 1, Section 7 to "Disregard."	Conceptual	Not adopted. Paragraph 4 of the TSO-C172a specified the markings; however, it doesn't have the specifics on how to mark (i.e. engrave or stencil, font size, etc.). SAE AS5385C contains these specifics on the markings.
2	Draft TSO-C172a	4	5.e	Says "The quality system description required by 14 CFR Sec. 21.608..."	21.608 is Quality manual. 21.607 is Quality System.	Change reference to 21.607.	Conceptual	Not adopted. However, further discussion with AIR-111 (TSO policy holder) agreed to the following wording change for all follow on TSOs that will be incorporated by 8150.D: "The quality manual required by 14 CFR 21.608, including functional test specifications. The quality system must ensure that you will detect any change to the approved design that could adversely affect compliance with the TSO MPS, and reject the article accordingly. (Not required for LODA applicants.)"
3	Draft TSO-C172a	7	Appendix 1, Section 5	Modify 5.3 by replacing "production" with "qualification".	In replacing production with qualification, you 1. cause a short run to just make test specimens and 2. allow the possibility of "minor" changes between the qualification and production runs.	Delete the proposed change.	Conceptual	Not adopted. This was specifically changed so that three specimens didn't need to be taken every time a production batch was run.

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Comments Submitted By: Nicole Mikel-Brumfield

Organization: AIR-400, AIR International Division

Phone: (202) 267-0942

#	TSO-C172a-Cargo Restraint Strap Assemblies	Page Number	Paragraph Number	Referenced Text	Comment/Rationale or Question	Proposed Resolution	Comment Type (Conceptual, Editorial, or Format)	Disposition/Response to Comment
1	TSO-C172a	2	4.a		A period is missing from the end of the Sentence.	Add a period to the end of the sentence.	Format	Added the period to the end of the sentence.
2	TSO-C172a	3	4.d		A colon is missing from the sentence.	Add a colon to the end of the sentence.	Format	Added the colon to the end of the sentence.
3	TSO-C172a	6 and 7	Appendix		Periods seem to be used intermittently at the end of sentences throughout the Appendix's table.	Add periods to the end of each sentence for continuity throughout the document.	Format	Added periods to the Appendix table for continuity.