Comment				Comment summary	Suggested resolution	Comment is an observation or is a suggestion*	Comment is substantive or is an objection**	EASA comment disposition	EASA response
NR	Author	Section, table, figure	Page						
1	*Boeing*		Page 2 Paragraph 4	**THE PROPOSED TEXT STATES:** *"However, DO-227A section 2.4.1.2.1 Cell Discharge Current Test fixes the voltage limit to a fix value 3 Volt, while this value should be dependent on the cell nominal voltage[1]."* **REQUESTED CHANGE:** We do not object to the proposed change but we do not believe it is significant enough to require a deviation. We recommend working with RTCA to update DO-227A to be more generic like the language in 2.4.1.2.2. Why is your suggested change justified? **JUSTIFICATION:** The stated 3.0V setting in the reverse-connected power supply is to ensure that the cell is discharged to zero volts at a constant current. Since the procedure requires termination of the test when the cell reaches zero volts, the actual voltage setting of the power supply is not important. The use of 3 volts (in reverse connected configuration) ensures that the cell voltage cannot go below -3.0V during the test even if the test is not terminated when the cell reaches zero volts. This is a protective setting which should never be reached in this test. Other voltages may be used as long as they are sufficiently below zero to allow constant current discharge as the cell approaches zero volts.		yes	no	Noted	We agree that the discharging the cell with a 3 volt limit will meet the intent of discharging the cell. However, there is no reason to force the use of this specific voltage as different type of cells may have different nominal voltages. Furthermore, it is noted that the test of DO-227A 2.4.1.2.1 is not only a discharge test, but also a preconditioning of the cell for the cell polarity reversal test 2.4.1.2.2, which states that 'the power supply shall be voltage-limited to represent an additional cell in series with the test sample (i.e. 3 volts for a 3 volt cell).' We look forward for SC-235 to discuss further the question and resolve the contradiction.
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