



FAS Information Paper					
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Information Paper Title: <b>MBD Annex Table A-3 and A-4 Item Clarification</b>					
Abstract: This IP addresses the ambiguity that currently exists in both Annex Table A-3 Item #2 and Table A-4 Item #1. The current wording can be misinterpreted and hence oversimplifying the use of simulation.					

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## Clarifications:

### 1.0 Annex Table A-3 Item #2

#### Previous Text:

"Item 2: As described in section MB.6.8.1 of the supplement, simulation may be used as a means of compliance for objectives 1, 2, 4 or 7 of this table. If simulation is used as this means, objectives MB.8, MB.9, and MB.10 are required."

#### Clarifying Text:

"Item 2: When simulation is used as a means of compliance for objectives 1, 2, 4, or 7 of this table as described in MB.6.8.1, the additional objectives MB.8, MB.9, and MB.10 should be met."

### 2.0 Annex Table A-4 Item #1

#### Previous Text:

"Item 1: As described in section MB.6.8.1 of the supplement, simulation may be used as a means of compliance for objectives 1, 2, 4, 7, 8, 9, or 11 of this table. If simulation is used as this means, objectives MB.14, MB.15, and MB.16 are required."

#### Clarifying Text:

"Item 1: When simulation is used as a means of compliance for objectives 1, 2, 4, 7, 8, 9, or 11 of this table as described in MB.6.8.1, the additional objectives MB.14, MB.15, and MB.16 should be met."

### 3.0 Annex Table C-3 Item #2

#### Previous Text:

"Item 2: As described in section MB.6.8.1 of the supplement, simulation may be used as a means of compliance for objectives 1, 2, 4 or 7 of this table. If simulation is used as this means, objectives MB.8, MB.9, and MB.10 are required."

#### Clarifying Text:

"Item 2: When simulation is used as a means of compliance for objectives 1, 2, 4, or 7 of this table as described in MB.6.8.1, the additional objectives MB.8, MB.9, and MB.10 should be met."

### 4.0 Annex Table C-4 Item #1

#### Previous Text:

"Item 1: As described in section MB.6.8.1 of the supplement, simulation may be used as a means of compliance for objectives 1, 2, 4, 7, 8, 9, or 11 of this table. If simulation is used as this means, objectives MB.14, MB.15, and MB.16 are required."

Clarifying Text:

“Item 1: When simulation is used as a means of compliance for objectives 1, 2, 4, 7, 8, 9, or 11 of this table as described in MB.6.8.1, the additional objectives MB.14, MB.15, and MB.16 should be met.”

**Rationale for IP:**

Due to the sentence structure of the current wording of the Annex Table items, the first sentence in each of these can be misinterpreted which may result in oversimplify the verification method of simulation. Clarity is required to address this ambiguity that may exist.

Since FAS does not have the authority to make changes to DO-331/ED-218 “Model Based Development & Verification Supplement”, this paper has been created to provide clarity in the meantime.