

Questions to Ask When Simulations Support Your Decisions

Bobby Hartway

Alexia Joiner

Danny Thomas

AEgis Technologies Group

631 Discovery Drive

Huntsville, AL 35806

256-922-0802

bhartway@aegistg.com

ajoiner@aegistg.com

d.thomas@aegistg.com

Randal Wallace

NASA

Marshal Space Flight Center

Huntsville, AL

256-544-2940

Randal.L.Wallace@msfc.nasa.gov

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ABSTRACT: NASA has endeavored to develop a consistent method of assuring the credibility of simulation results. NASA-STD-7009 presents the decision maker with powerful tools to assess the credibility of simulation results. The Credibility Assessment Scale contained in the standard aims to quantify factors influencing trustworthiness of simulation-based analysis unambiguously. This paper presents a brief explanation of the Credibility Assessment Scale along with suggested questions for reviewers of simulation results. The paper also provides hypothetical responses to the questions and an assessment if the risks inferred.