

## Presentation Abstract

Presentation Title	Range Safety Software IV&V – The other Flight Safety Software
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Presentation Abstract	<p>The challenge for NASA IV&amp;V is understanding, validating, and verifying needed system capabilities for:</p> <ul style="list-style-type: none"><li>• Assuring that ground and flight system software operates safely and reliably</li><li>• Assuring that system software adequately ensures public safety</li></ul> <p>To meet this challenge:</p> <ul style="list-style-type: none"><li>• NASA range safety is defined in NPR 8715.5, Range Safety Program, dated 8 July 2005</li><li>• NASA Range Safety goal is to protect the public, the workforce, and property during range operations such as launching, flying, landing, and testing launch/flight vehicles.</li><li>• NASA IV&amp;V goal is to validate software requirements and verify the architecture to achieve the range safety goal</li><li>• The range safety corridors for the Eastern Range will be a focal point of the presentation.</li></ul>