

Evaluation Criteria



Criteria	Excellent	Very Good	Good	Fair	Poor	Not Done	Total
Technical Paper Evaluation Criteria (Max 100 Points)							
Theme Adherence: Adherence to 2022 Gateways to Blue Skies thematic components as stated in the Background & Project Description (Max 20 points)	20	16	12	8	4	0	
Technical Merit and Rationale: Sound technical / scientific / engineering analysis, evaluation, and rationale of design concept, including evidence of thorough and proper research conducted (Max 50 points)	50	40	30	20	10	0	
Innovation: Application of innovative capabilities and/or new technologies to an airport's exterior infrastructure that accommodate climate-friendly fuels and airplane designs, as well as reduce cost and improve safety. (Max 15 points)	15	12	9	6	3	0	
Technology Assessment: Realistic technology assumptions, including realistic Technology Readiness Levels and justifications (Max 15 points)	15	12	9	6	3	0	
Total Tech Paper Score							
Infographic Evaluation Criteria (Max 30 Points)							
Theme Adherence: Adherence to 2022 Gateways to Blue Skies thematic components as stated in the Background and Project Description (Max 5 points)	5	4	3	2	1	0	
Technical Paper Representation: Representative of the findings and design choices made in the Technical Paper (Max 5 Points)	5	4	3	2	1	0	
Technical Simplification: Language and information should be easily understood by audiences from non-technical backgrounds (Max 5 Points)	5	4	3	2	1	0	
Element Justification: Visible information that helps justify presented design elements (Max 5 Points)	5	4	3	2	1	0	
Visuals: Visually compelling and well laid out components (Max 10 Points)	10	8	6	4	2	0	
Total Infographic Score							
Video Evaluation Criteria (Max 5 Points)							
Overall Impression: Video content is organized and flows. Viewers could easily follow the material; the video enhanced/highlighted one or more aspects of the team's design concept(s) and/or increased understanding of how various components of the design worked together (Max 5 Points)	5	4	3	2	1	0	
Total Video Score							
<i>The criteria below will only be applied to the 8 finalist teams who are invited to present their designs at the Blue Skies Forum in June</i>							
Presentation Evaluation Criteria (Max 30 Points)							
Presentation quality and consistency with technical paper (Max 10 points)	10	8	6	4	2	0	
Presence of teamwork and integration (Max 10 points)	10	8	6	4	2	0	
Quality of response to questions for presentation, infographic, models, and prototypes (Max 10 points)	10	8	6	4	2	0	
Total Presentation Score							
Forum Participation (Max 5 Points)							
Attendance and engagement in all Forum activities (Max 5 points)	5	4	3	2	1	0	
Total Forum Participation Score							

Assessment

Excellent = Criteria is fully met with exceptional merit, as documented by numerous or significant strengths and with no major weaknesses.

Very Good = Criteria is met with high merit and little errors; strengths fully out-balance any weaknesses and none of those weaknesses constitute fatal flaws.

Good = Criteria is met with a credible response and a few errors; strengths and weaknesses essentially balance each other.

Fair = Criteria is only nominally met and significant errors are apparent; weaknesses outweigh any strengths.

Poor = Criteria is not met and /or has serious flaws; one or more weaknesses constitute fatal flaws.

Not Done = No effort was made to meet criteria.

<p style="text-align: center;">Round One Scoring</p> <p>Total Tech Paper Score: _____</p> <p>Total Infographic Score: _____</p> <p>Total Video Score: _____</p> <p>Total Round One Score: _____</p>	<p style="text-align: center;">Round Two Scoring (Finalists Only)</p> <p>Total Presentation Score: _____</p> <p>Total Participation Score: _____</p> <p style="text-align: center;">Total Score: _____</p>	<p style="text-align: center;">Total Scoring</p> <p>Round One Score: _____</p> <p>Round Two Score: _____</p> <p style="text-align: center;">Total Score: _____</p>
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