

# SAN ANTONIO JAM JUDGES EVALUATION SUMMARY (Critique Sheet)

Exhibitor- Original      Judges - NCR Yellow Copy

<b>Recorder:</b>	<b>Ribbon Color:</b>
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Class #	Project	Entry #
Criteria	E= Excellent   G=Good   NI=Needs Improvement <u>Critique Comments</u>	
<b>Workmanship (30)</b> <ul style="list-style-type: none"> <li>• <i>Square</i> - Diagonals &amp; Square</li> <li>• <i>Weld Quality</i> - Uniform bead profile, feathering good penetration, - cold welds, over welding, lack of penetration, under cutting, overlap, distortion control, poor bead profile, pin holes.</li> <li>• <i>Fabrication</i> - Good joints and fit-up. Sharp edges, poor fit up, rough torch cuts.</li> <li>• <i>Weld grinding</i> - excessive or lack of proper grinding, sharp corners.</li> <li>• <i>Paint Prep &amp; Finish</i> - slag and buckshot removal, No body filler - Bondo? Uniform paint coating with no runs.</li> </ul>	<p>_____ <b>Square &amp; True</b></p> <p>_____ <b>Weld Quality</b></p> <p>_____ <b>Fabrication - Metal Cutting &amp; Drilling</b></p> <p>_____ <b>Grinding (leave beads if possible)</b></p> <p>_____ <b>Paint Prep &amp; Finish (Powder Coating allowed but not rewarded)</b></p> <p><i>Trailers</i></p> <p>_____ <b>DOT- Inspection</b>      _____ <b>Measurements- Check Sheet</b></p>	
<b>Design (20)</b> <ul style="list-style-type: none"> <li>• <i>Dimensions</i> consistent with drawing.</li> <li>• <i>Materials</i> - Over or under sized for load</li> <li>• <i>Fasteners</i> - screws bolts etc. Screws and bolts coating compatible with treated lumber</li> <li>• <i>Design principles</i> – gussets and braces. Materials – angles, I beams &amp; trusses</li> <li>• <i>Practicality</i> and functionality.</li> </ul>	<p>_____ <b>Dimensions</b></p> <p>_____ <b>Materials</b></p> <p>_____ <b>Fasteners</b></p> <p>_____ <b>Design</b></p> <p>_____ <b>Practicability</b></p>	
<b>Documentation (20)</b> <ul style="list-style-type: none"> <li>• <i>Table of Contents &amp; Page numbers</i></li> <li>• <i>Drawing</i> - To scale, dimensioned, complete enough to build from</li> <li>• <i>BOM</i> -incl OC &amp; PE costs.</li> <li>• <i>Photos</i> - sequenced work in progress, labeled</li> <li>• <i>Research- ASABE</i> standards, DOT info, PI and SDS sheets, and trailer components specifications.</li> </ul>	<p>_____ <b>Organization - Table of Contents &amp; Page Numbers</b></p> <p>_____ <b>Drawing</b></p> <p>_____ <b>BOM</b></p> <p>_____ <b>Photographs (40 Max)</b></p> <p>_____ <b>Research</b></p>	
<b>Knowledge Presentation (20)</b> <ul style="list-style-type: none"> <li>• <i>Knowledge</i> of manufacturing <u>process</u> and <u>materials</u>.</li> <li>• <i>Presentation</i> - Speaking ability &amp; Presentation to judges and public, Entry and Display</li> </ul>	<p>_____ <b>Technical Knowledge (Why Questions &amp; Knowledge of Project)</b></p> <p>_____ <b>Presentation &amp; Entry Card (Project properly entered) Display</b></p>	
<b>Difficulty (5)</b> <ul style="list-style-type: none"> <li>• <i>Size, scope, complexity</i> - use of several skills and processes,</li> <li>• <i>Sophistication</i>- Intricate, technical and more difficult to build.</li> </ul>	<p>_____ <b>Size, Scope</b></p> <p>_____ <b>Sophistication</b></p>	
<b>Safety (5)</b> <ul style="list-style-type: none"> <li>• <i>Safe work environment</i> - Shown in Photos</li> <li>• <i>Safe Projects</i>– good smooth joints &amp; fit-up.</li> <li>• <i>Project displayed safely</i> - Sharp points &amp; edges protected- Sturdy stands.</li> <li>• <i>Electrical</i> – Extension cords, appliances, video display &amp; computers.</li> </ul>	<p>_____ <b>Safety - Depicted in Photos</b></p> <p>_____ <b>Safe Project</b></p> <p>_____ <b>Project Display</b></p> <p>_____ <b>Electrical</b></p>	