SAN ANTONIO JAM JUDGES EVALUATION SUMMARY (Critique Sheet)

Exhibitor- Original Judges - NCR Yellow Copy

Recorder:	**Ribbon Color:**

Class #	**Project**	**Entry #**

Criteria	**E=** Excellent **G=**Good **NI=**Needs Improvement **Critique Comments**
Workmanship (30) • *Square* - Diagonals & Square • *Weld Quality* - Uniform bead profile, feathering good penetration, - cold welds, over welding, lack of penetration, under cutting, overlap, distortion control, poor bead profile, pin holes. • *Fabrication* - Good joints and fit-up. Sharp edges, poor fit up, rough torch cuts. • *Weld grinding* - excessive or lack of proper grinding, sharp corners. • *Paint Prep & Finish* - slag and buckshot removal, No body filler - Bondo? Uniform paint coating with no runs.	**_____Square & True** **_____Weld Quality** **_____Fabrication - Metal Cutting & Drilling** **_____Grinding (leave beads if possible)** **_____Paint Prep & Finish (Powder Coating allowed but not rewarded)** *Trailers* _____ **DOT-** (# of Infractions _____) _____ **Measurements-** Check Sheet
Design (20) • *Dimensions* consistent with drawing. • *Materials* - Over or under sized for load • *Fasteners* - screws bolts etc. Screws and bolts coating compatible with treated lumber • *Design principles* – gussets and braces. Materials – angles, I beams & trusses • *Practicality* and functionality.	**_____Dimensions** **_____Materials** **_____Fasteners** **_____Design** **_____Practicability**
Documentation (20) • *Table of Contents & Page numbers* • *Drawing* - To scale, dimensioned, complete enough to build from • *BOM* -incl OC & PE costs. • *Photos* - sequenced work in progress, labeled • *Research- ASABE* standards, DOT info, PI and SDS sheets, and trailer components specifications.	**_____Organization - Table of Contents & Page Numbers** **_____Drawing** **_____BOM** **_____Photographs (40 Max)** **_____Research**
Knowledge Presentation (20) • *Knowledge* of manufacturing process and materials. • *Presentation* - Speaking ability & Presentation to judges and public, Entry and Display	**_____Technical Knowledge (Why Questions & Knowledge of Project)** **_____Presentation & Entry Card (Project properly entered) Display**
Difficulty (5) • *Size, scope*, *complexity* - use of several skills and processes, • *Sophistication*- Intricate, technical and more difficult to build.	**_____Size, Scope** **_____Sophistication**
Safety (5) • *Safe work environment* - Shown in Photos • *Safe Projects*– good smooth joints & fit-up. • *Project displayed safely* -. Sharp points & edges protected- Sturdy stands. • *Electrical* – Extension cords, appliances, video display & computers.	**_____Safety - Depicted in Photos** **_____Safe Project** **_____Project Display** **_____ Electrical**