

DIVISION 14
TRACTOR RESTORATION
MECHANICAL, KNOWLEDGE & DIAGNOSTICS
CRITIQUE SHEET 1 – R26

See Reference Sheet for full description of Criteria
SAN ANTONIO JAM TRACTOR SHOW

Entry ID _____ Class # _____

TRACTOR _____ YEAR MODEL _____

Recorder: _____ Tractor Ribbon Color: _____

Evaluation: E = Excellent, G = Good, NI = Needs Improvement, NA = Not Applicable CF _____

Mechanical Points: (RES) Restoration = 45 Points (CF - up to 5 points may be awarded.)

1. Observations - Driving (worksheet)
2. Fluid Level (worksheet)
3. Inspecting Documentation, Reports and Pictures – see below
 - Evidence of using precision tools – Micrometers, dial gauges, torque wrenches, small hole and telescoping gauges. Evidence that all threads were chased and proper torques applied. Any evidence of sand from sandblasting will result in points being deducted.
 - Mechanical work done by others must be identified as PE in Expense Report

Mechanical	Eval	Comments
Driving Skills & Function of Components including: (6) <ul style="list-style-type: none"> • Engine <input type="checkbox"/> • Clutch • Brakes • Governor • Lift & Hydraulics • Steering • Electrical & Lights • PTO • Exhaust and Engine sounds Identified on Driving Skills Worksheet		
Fluid Level (2) Taken from Fluid Levels Worksheet		
Mechanical		

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Mechanical & Knowledge - Evaluated using Documentation and Answers to Questions Details identified in Reference Documents on WEB Site			
Engine Components	Mechanical Eval from Docs	Comments From Documentation & Questioning	Knowledge Eval by Questions
<input type="checkbox"/> Crank. Pistons, Rods & Cylinders			
<input type="checkbox"/> Cooling System			
<input type="checkbox"/> Head & Valve Train <input type="checkbox"/>			
<input type="checkbox"/> Lubrication			
<input type="checkbox"/> Fuel System			
<input type="checkbox"/> Other Engine Components			
Electrical (3 pts)			
Transmission (3 pts)			
Clutch (3 pts)			
Final Drive (3 pts)			
PTO/ Lift – Hydraulics (3 pts)			
Steering (3 pts)			
Brakes: (3 pts)			
Presentation & Display (3 pts)			