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**PILOT ASSESSMENT BLUEPRINT**  
**Agriculture Mechanics (1147)**  
**Skill-Based (Performance)**

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	<b>Electrical Diagnostics</b>
<b>Job Description</b>	Participant will locate the vehicle or implement battery and quantify battery voltage, voltage drop, and DC current draw, and record.
<b>Administration Time</b>	30 minutes
<b>Equipment, Supplies, or Materials Required</b>	<ul style="list-style-type: none"><li>• All necessary protective clothing and safety equipment:<ul style="list-style-type: none"><li>○ Safety glasses/face shield</li><li>○ Hair tie, if appropriate</li></ul></li><li>• Vehicle or equipment with a 12-to-24-volt battery source</li><li>• Multimeter with DC 0-to-500-amp with amp clamp</li><li>• Extra fuses for multimeter</li></ul>