**Master Electrical & Avionics Equipment and Load List**

Note: Federal Regulatory agencies (FAA, CAA, etc.) for minimum equipment requirements to be installed on aircraft in U.S.

<table>
<thead>
<tr>
<th>Item or Description</th>
<th>Load Type</th>
<th>Part Size</th>
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**Electrical System Design Recommendations:**

1. Recommended type is 50-80-307551.
2. Make sure to wire the panel per type and wire size length.
3. Wiring must be installed per manufacturer's recommendation. This includes circuit design, electrical connections, splices, and terminations. The wiring must be properly fused and protected.
4. All wiring must be installed per manufacturer's recommendations. This includes circuit design, overload protection, wire size, switching, etc.
5. In the absence of specific guidance, consult Advisory Circular AC 00-13.

**Engine Panel Wiring**

- Derived from the Engine Assembly and Installation Manual.
- All engines must be sized per the schematics (starter, ignition, and charging circuit) detailed in the Alionics-Provided Manuals.
- Details on the schematics (starter, ignition, and charging circuit) are not included in this project.

**Diagram:**

- ![Diagram](https://example.com/diagram.png)
- **Detail of Panel:**
  - Instrument Panel Section Strip for Exterior Installation
  - Make size 1210 x 1210 x 1210 x 1210

**Avionics & Electrical System w/ Mil. Explorer Install Details**

- Version: SNX-61
- Date: 00/00/00
- Author: Sonex

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