

## 1.9 Electrical System

The aircraft's electrical system consists of a 12 VoltDC circuit controlled by a Master switch located on the instrument panel. An integrated AC generator provides electricity and a 12 Volt battery placed in the fuselage or in the engine compartment. The generator light is located on the right side of the instrument panel.

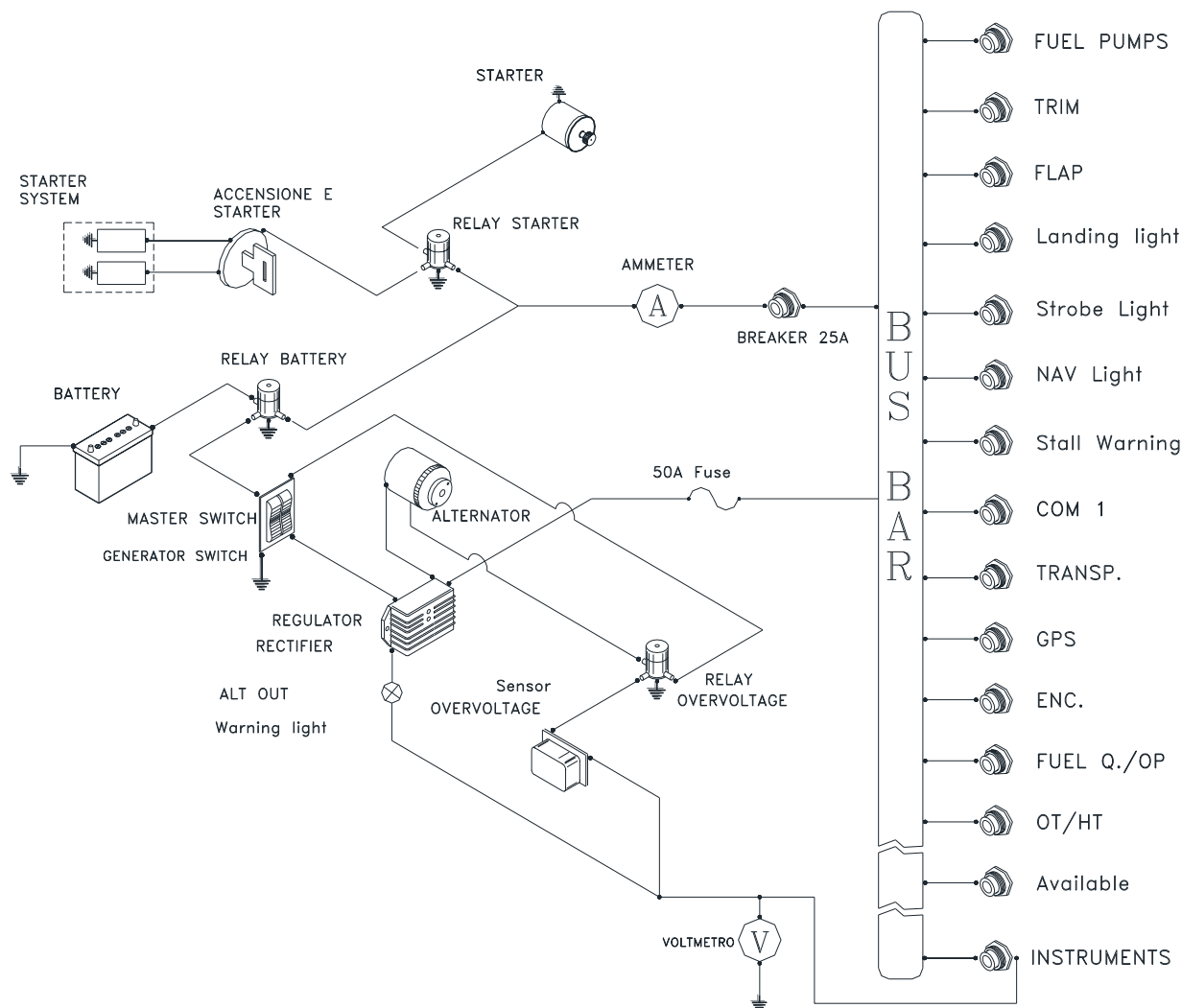


Fig.1-4 Electrical system schematic (some fuses may not be installed on the standard equipped aircraft)

### 1.9.1 Alternator light

Alternator (ALT) light (red) illuminates for the following conditions:

- Alternator failure
- Failure of regulator/rectifier, with consequent over voltage sensor set off

#### NOTE

The battery can support energy requirements for approximately 20 minutes.