**MICRO POWER UNIT**

**FEATURES & BENEFITS**

**Operation Assistance**
- Self-reliance for secondary power
- Charges batteries
- Assists main engine start

**Flight Planning**
- Run cockpit systems 45 minutes prior to departure
- Plan course without running main engine

**Increased Aircraft Value**
- Sell or lease aircraft for top dollar
- Increased value to passengers = increased revenue for chartered flights

**Comfortable Environment**
- Control temperature inside cabin prior to passenger arrival.
- Keep pilot and passengers comfortable while planning flights and preparing for departure

**Fuel Consumption & Reliability**
- Approx. 20% fuel burn of main engine
- Increase reliability of engines by running less while on ground

**REQUIREMENTS**

**Power Source**
- High power/weight ratio
- Compact size
- Runs on heavy fuels (Jet-A, JP-4, JP-8)
- Full output capability on a hot day

**Generator**
- Very light weight permanent magnet alternator
- Solid state power electronics
- 28V/400A output

**Installation**
- Small enclosure
- Light weight, less than 75lbs
- Low noise relative to turbine engine

**TARGETS**

**Aerospace**
- Small Jets & Turboprops without APUs
- OEMs
- Charter Companies
- Fractional Companies
- Corporate Fleets
- Special Mission Aircraft

**Adjacencies**
- Military Vehicles: M1 Tank, Joint Light Tactical Vehicle, Paladin
- Mobile Command Posts
- Mobile Medical Facilities
- Emergency Response

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