GROUND STARTING COMPONENTS

AIRCRAFT JUMPER CABLES
Cable is heavy duty, 4 ga. copper, 15 ft. long, twin extruded to help prevent tangling, and room temperature flexible at 40 degrees below zero. Fully insulated clamps wont arc or spark and are rated 500 amps, have a solid copper jaw, and have a flexispring strain relief to prevent cable breakage. polarity light warns pilot if connector is not matched with a corresponding connector installing electrical system damage and personal injury. Available in two styles (above).

6141 - Jumper Cable with standard 3-pin Lexan female plug (equivalent to AN2551) on one end and alligator clamps on other end.

P/N 6141 ........................................ $153.95

6142 - Jumper Cable with special Piper single-pin plug on one end and alligatorclamps on other end.

P/N 6142 ........................................ $246.95

REPLACEMENT PAIR OF 500 AMP CLAMPS
Used on #6141 and #6142 jumper cables. (above)

P/N 1-06020 .............................................. $39.50

3 PIN JUMPER PLUG AN2551
Standard 3-pin female plug equivalent to AN2551 plug. Red Lexan construction screws together in minutes. Sleeves are solid copper, silver plated. With solenoid pin. Corrosion proof. Mates with AN2552-3A external power receptacle.

P/N 11-03158 .............................................. $49.95

PIPER TYPE PLUG
Mates with 11041 socket. Electric conductors and connections are designed for maximum efficiency and long life. With ground return terminal. Single pole. Brass female contact with spring-grip tension provides solid engagement with the socket. Cable clamp holds wires firmly in place. Diecast housing. Accepts up to 0AWG cable. P/N 11-03159 .................................... $24.70

PIPER TYPE SOCKET
Self-grounding socket. Single pole. Diecast housing, spring-loaded door. Solid brass contact, 3/8" (9.5mm) diameter, with insulated tip to prevent short circuits. Rubber boot protects terminals and connections. Accepts up to OAWG cable. Fits 2" (50.8mm) diameter hole. Flange holes 21/64" (8.4mm) diameter, 2 15/16" (74.6mm) on centers. Mates with 11042 plug.

P/N 11-00500 .............................................. $24.85

EXTERNAL POWER RECEPTACLE
This external power receptacle is designed to mount in a hole in the skin of aircraft. Hole is then covered with hinged access door (not included). Mates with AN2551 type plugs. Model 4621B.

P/N AN2552-3A ............................................. $72.75

PLUG & JUMP
The Plug & Jump is a very portable unit which can be carried in the aircraft at all times because it is so lightweight. It can be used to start the aircraft from an ordinary car using standard jumper cables. It comes in two models: The Universal Model is used for Cessna, Beechcraft, etc. (3 pin plug) and the Piper Model is a single pin. The Plug and Jump is a simple conduit of power from any external power source to the aircraft. It is not a battery in and of itself. The Plug n Jump can be used for either 28V or 14V systems.

Universal Model P/N 11-00971 ........................................ $78.95
Piper Model P/N 11-00972 ........................................ $84.50

MASTER RELAY
(Battery Solenoid) - Applicable to all homebuilt, Continious duty. 12VDC. Mated with 3-pin plug. Furnished with Cessna style 3-pin plug. Manufactured in U.S.A. Features: "Charge control: constant current to a constant voltage then to a float standby. Current Limited..." A characteristic 3 stage charger can be left on the battery in maintaining/float mode. Can be set for any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries. Continuous - 100% duty cycle. Low voltage switch will start charging a deeply discharged battery with terminal voltage less than 4 volts. Reverse polarity and short circuit proof. Aluminum caset. Includes Battery Clip Adapter.

12V Port Power Supply 3 Pin Plug P/N 11-05084 ............................................. $224.95
12V Port Power Supply Pipe P/N 11-05083 ............................................. $209.00
24V Port Power Supply 3 Pin Plug P/N 11-05086 ............................................. $318.00
24V Port Power Supply pipe P/N 11-05087 ............................................. $246.95

PORTABLE POWER SUPPLY
These portable power supplies are an excellent way to power your avionics on the ground while you train or practice in the cockpit. Especially helpful in learning how to operate glass cockpit avionics. The Portable Power Supply plugs the cord into an AC wall outlet, and then connect the 3-pin plug into the external power receptacle on your aircraft. Furnished with Cessna style 3-pin plug. Manufactured in U.S.A. Features: "Charge control: constant current to a constant voltage then to a float standby. Current Limited..." A characteristic 3 stage charger can be left on the battery in maintaining/float mode. Can be set for any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries. Continuous - 100% duty cycle. Low voltage switch will start charging a deeply discharged battery with terminal voltage less than 4 volts. Reverse polarity and short circuit proof. Includes Battery Clip Adapter.

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24V Port Power Supply 3 Pin Plug P/N 11-05086 ............................................. $318.00
24V Port Power Supply pipe P/N 11-05087 ............................................. $246.95

RED BARON AUXILIARY POWER UNIT (APU)
The RB-14/28 Red Baron APU is designed to operate avionics equipment in private and commercial aircraft. The Red Baron will output 14 or 28VDC at up to 25 amps. The voltage is filtered to eliminate hum and is regulated against input AC line voltage changes. The output DC voltage and current are displayed on front panel meters. The DC is also protected by a front panel switch which is protected by a switch guard. Closing the guard forces the switch to 14V position. The RB-14/28-25 plugs directly into the APU receptacle on the aircraft. It comes equipped with either the standard 3 prong connector or Piper coaxial connector. The housing is steel, powder coated in red, for optimum flight line safety. Rubber feet and handle are included. The AC and DC cable lengths are 8ft.

This unit comes with selectable output voltages. AC Input: Volts (VI)115, Amps (II) 4.5/9, HZ (FI)60. DC Output: Volts (VO) 14 / 28, Amps (IO) 25, Watts (WO) 350/700, Dimensions: H10" x L8" x W10", Weight: 32(LB).

Standard Connector P/N 11-02142 ............................................. $675.00
Piper Connector P/N 11-02143 ............................................. $718.00

THE BLUE ANGEL AIRCRAFT POWER SUPPLY
The Bycan BA-14/2850 Aircraft Ramp Power Supply and Battery Charger is a multi-purpose aircraft flight line service and maintenance tool. The unit has a filtered 14 & 28 volt DC power supply with up to 50 amperes capability for tests of aircraft electrical systems and a secondary mode for recharging run-down batteries. This ramp or hangar accessory is an absolute must for avionics service, gear and flap actuator exercising and other electrical system test. The BA-14/2850 plugs directly into the aircraft APU connector and is tied to the electrical system when the master switch is activated. Selection of output voltage is by a front panel switch which is protectd by a switch guard. Closing the guard forces the switch to the 14 volt position. The battery charging mode is selectable by a front panel switch. The charging process is fully automattic and progresses through a red/amber/yellow/green LED sequence. The charging is replaced by a green LED when the aircraft battery is fully charged. The on/off switch on the unit also resets the unit. This unit comes with selectable output voltages and Battery Charger. AC Input: Volts (VI)115, Amps (II) 4.5/9, HZ (FI)60. DC Output: Volts (VO) 14 / 28, Amps (IO) 25, Watts (WO) 350/700, Dimensions: H10" x L8" x W10", Weight: 32(LB).

P/N 11-06390 ............................................. $1,445.00
P/N 11-06391 ............................................. $1,385.00
P/N 11-06392 ............................................. $1,595.00
P/N 11-06393 ............................................. $1,495.00

AVIATION GROUND POWER UNITS (GPU)
Achieves a remarkable 89% electrical efficiency to provide up to 20000W of power. Its cool running, switching-mode power modules provide massive system when in progress a red LED is illuminated. This ramp or hangar accessory is an absolute must for avionics service, gear and flap actuator exercising and other electrical systems test. The unit comes with selectable output voltages and Battery Charger. AC Input: Volts (VI)115, Amps (II) 4.5/9, HZ (FI)60. DC Output: Volts (VO) 14 / 28, Amps (IO) 25, Watts (WO) 350/700, Dimensions: H10" x L8" x W10", Weight: 32(LB).

P/N 11-06394 ............................................. $1,385.00
P/N 11-06395 ............................................. $1,495.00

Prices Subject to Change Without Notice