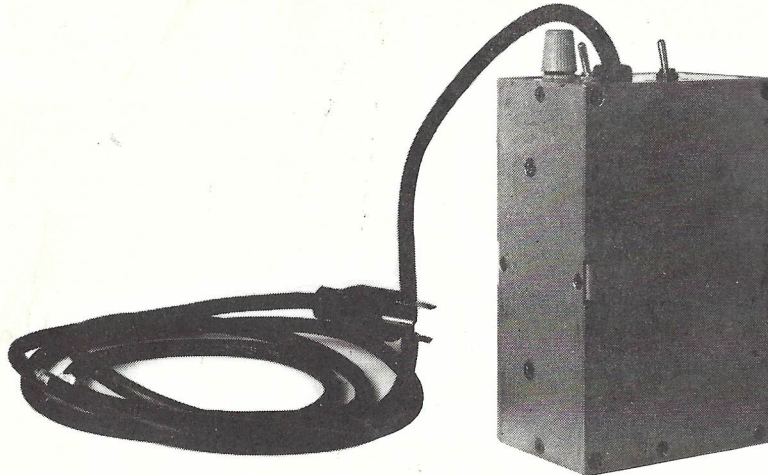


DECEMBER 12, 1980

# BC-815A

## BATTERY PACK CHARGER

Part No. 501-1321-()



**DESCRIPTION:** THE MODEL BC-815A BATTERY CHARGER IS A PLUG-IN VOLTAGE AND CURRENT REGULATED DC POWER SOURCE WHICH IS USED TO MAINTAIN THE J.E.T. PS-835A/B EMERGENCY POWER SUPPLY BATTERIES. THE BC-815A OPERATES FROM NOMINAL 115 VOLT 60 HZ POWER. IT MAY ALSO BE USED WITH 120/110 VOLT 50 TO 400 HZ POWER. THE BATTERY CHARGER PROVIDES .5 AMP OF .25 AMP CONSTANT CHARGING CURRENT (INDICATED BY AN AMBER LED) FOR THE PS-835B or PS-835A RESPECTIVELY UNTIL THE BATTERY PACK REACHES 90% CHARGE. AT 90% CHARGE THE BC-815A SWITCHES AUTOMATICALLY TO A CONSTANT "FLOAT" VOLTAGE MODE AND A GREEN LED IS ENERGIZED. THE BC-815A MAY BE OPERATED IN THIS CONSTANT "FLOAT" VOLTAGE MODE FOR AN INDEFINITE TIME WITHOUT DAMAGE TO THE CHARGER OR BATTERIES.

AN ON/OFF SWITCH AND PS-835A/PS-835B SELECTOR SWITCH ARE LOCATED ON THE TOP END OF THE UNIT. DIODE ISOLATION IS PROVIDED BETWEEN THE CHARGER AND BATTERY PACK TO PREVENT DISCHARGING THE PS-835 IF AC POWER IS LOST OR THE BC-815 IS INSTALLED BUT NOT ENERGIZED.

CHARGING TIME DEPENDS UPON THE BATTERY STATE OF CHARGE. EIGHT HOURS OR MORE MAY BE REQUIRED FOR FULLY DISCHARGED CELLS

**INSTALLATION:** REFER TO FIGURE 1 FOR INSTALLATION INSTRUCTION STEPS 1 AND 2.

## INSTALLATION INSTRUCTIONS

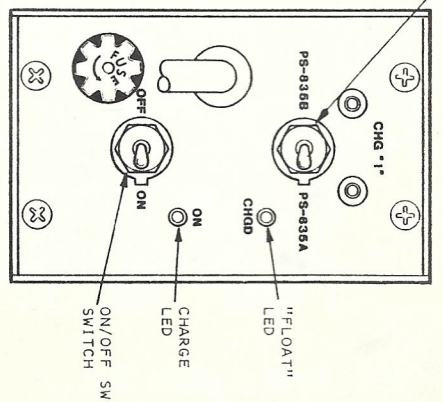
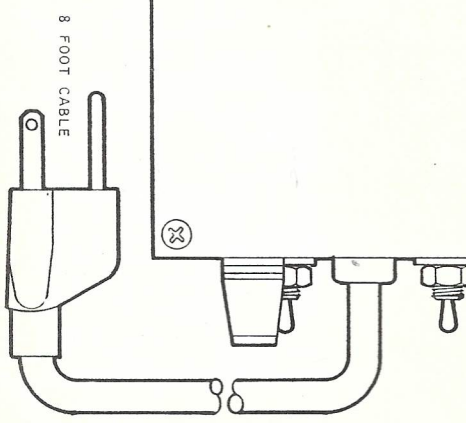
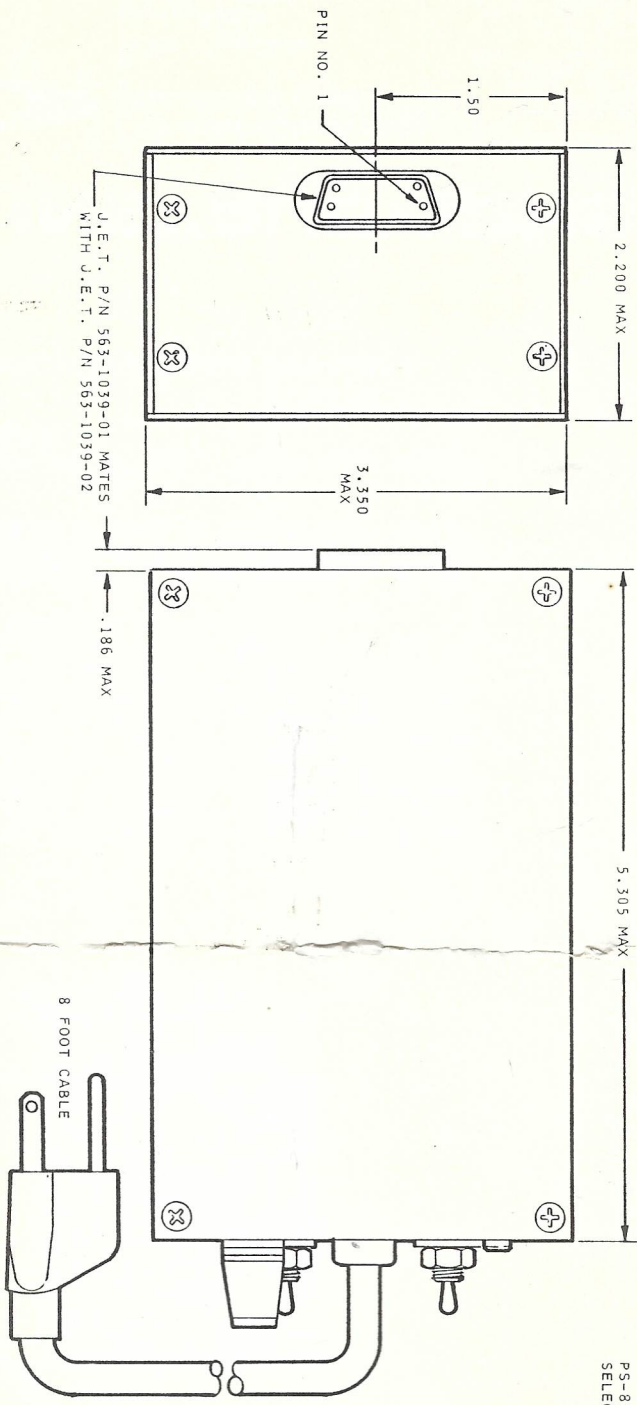


JET ELECTRONICS AND  
TECHNOLOGY, INC.

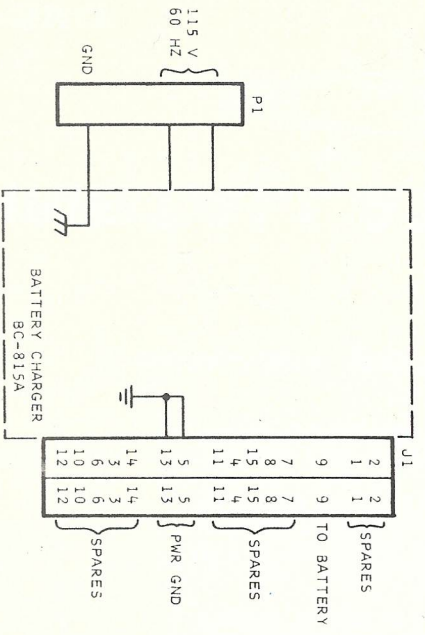
5353 52nd Street  
Grand Rapids,  
Michigan 49508  
Telephone (616) 949-6600

TP-350

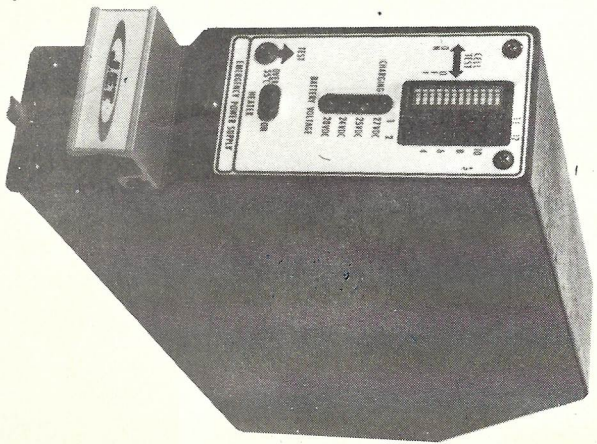
**BC-815A**



PS-835A/PS-835B  
SELECTOR SWITCH



- ① REMOVE SCREWS, LOCK WASHERS, FLAT WASHERS AND NUTS FROM FRAME ASSEMBLY IN AREA WHERE BC-815A PLUGS INTO PS-835B.
- ② COMPLETE INSTALLATION OF BC-815A IS ACCOMPLISHED WHEN UNIT CONNECTOR (J1) IS MATED WITH PS-835A CONNECTOR J2.



See PS-835 Instruction manual (TP-329 or TP-336) for interconnect wiring.

Figure 1. Installation