



TSP-1708L

P/N 32472-001



APPLICATION

The TSP-1708L is a replacement for Honeywell battery P/N 1152268-1.

The TSP-1708L is FAA-PMA approved for the Bombardier DHC-8-400. (Q-400, -401, -402)

FAA-PMA supplement 63 dated 25 July, 2011.

PHYSICAL SPECIFICATIONS

Length: 8.51" max
Width: 7.72" max
Height: 7.75" max
Weight: 38.5 lbs. max
Connector: MS3509
MS3114-P8-4B Sensor

TECHNICAL DESCRIPTION

The TSP-1708L battery is a 20-cell **SUPERPOWER®** battery, with a nominal voltage of 25.2 volts, with a nominal capacity of 17Ah and weighs a maximum 38.5 pounds.

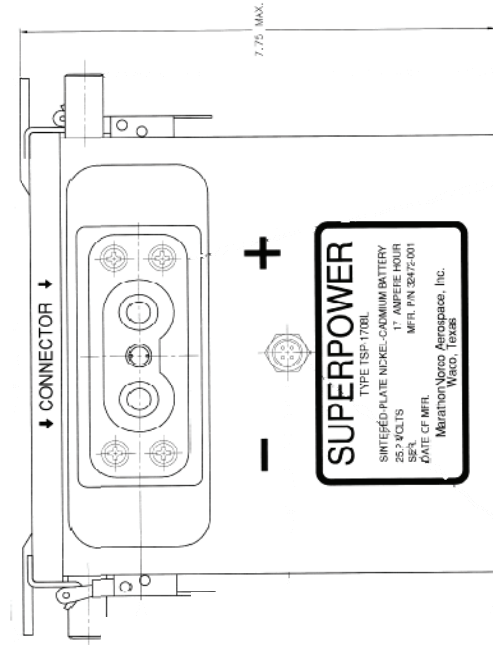
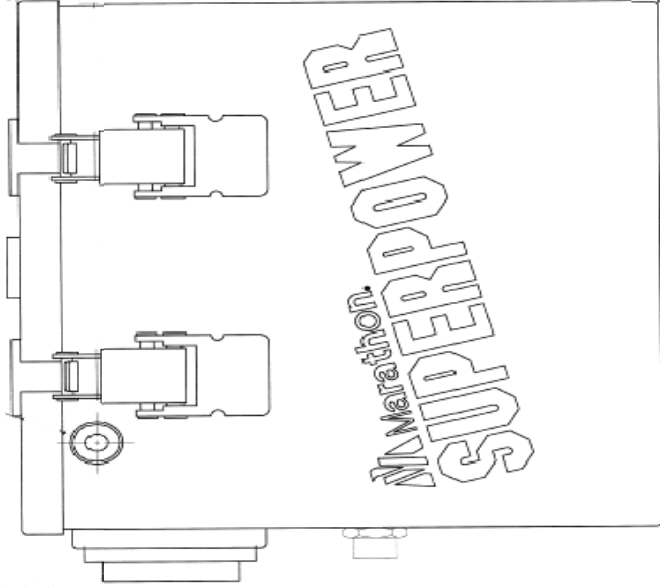
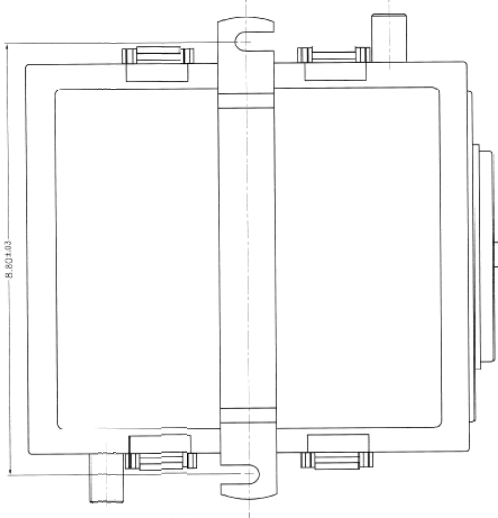
STANDARD WARRANTY: 2 years

ELECTRICAL SPECIFICATIONS

Voltage: 25.2 volts (nominal)
Capacity: 17Ah minimum
Imp : 1200A @ 15 seconds
(Discharge current at maximum power transfer)

The Marathon **SUPERPOWER®** battery is a greatly improved nickel-cadmium (Ni-Cd) battery that features:

- High porosity sintered carbonyl Nickel electrodes utilizing a Nickel-Steel foil substrate for improved current collection and increased cell reliability.
- Long life, durable micro porous polypropylene gas barrier membrane of proven durability in hot oxidizing environment has eliminated the classic "Thermal Run-a-way" problem with early Nickel Cadmium batteries.
- Long life, durable microfiber polypropylene fabric on both sides of the gas barrier provide superior wicking action that enables the electrolyte conductivity to remain high even if the electrolyte level is below the top of the electrodes.
- Ternary electrolyte solution is specifically formulated to provide excellent cell performance over a wide range of temperatures.
- Redundant temperature sensors that can be used to disable battery charging or alert crew of increased battery temperature.
- Stainless Steel battery case and cover assembly that withstands corrosion.



SUPERPOWER
 TYPE TSP-1708L
 SINTERED-PLATE NICKEL-COPPER/ALUM BATTERY
 28.5 VOLTS
 1.7 AMPERE HOUR
 SER. NO. MFL P/N 28475-001
 DATE CT MFL
 MarathonNorco Aerospace, Inc.
 Waco, Texas



8301 Imperial Drive
 Waco, TX. 76712
 (254) 776-0650 FAX (254) 776-6558
www.mnaerospace.com