

# INSTALLATION AND OPERATING INSTRUCTIONS

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## PRECAUTIONS FOR CIRCUIT BOARD HANDLING

To minimize circuit board failure caused by electro-static discharge and improper handling, the following precautions must be observed when transporting, installing or servicing circuit boards.

### TRANSPORTING

When transporting a circuit board, place each circuit board in an anti-static bag and an approved shipping container. Approved shipping container must include an anti-static foam inner wrap to protect the circuit board during shipping. This type of shipping container is supplied with each new circuit board and is reusable for the shipment of the circuit board to and from the factory.

**NOTE:** Remove memory back-up batteries from CPU boards before placing in anti-static bags. Refer to TSB 002B349-00 for CPU Battery Handling Instructions.

Shipping containers made only of cardboard should never be used alone for shipping circuit boards. However, they can be used when placed inside another carton with packing material or a spare parts kit. Cardboard shipping containers can also be used for the local transportation of circuit boards.

**CAUTION:** Do not use packing material of plastics such as polystyrene, polyethylene or foam.

### INSTALLING OR SERVICING

**CAUTION:** When handling individual circuit boards, a static grounding wrist strap must be worn. Handle circuit boards by the extractor tabs when provided or by the edges. Avoid touching the pins, traces, components and rear edge connector. Do not stack circuit boards on top of each other. Vacant slots in the card cage may be used for temporary storage of circuit boards during installation and servicing. When vacant slots are not available, circuit boards should be returned to a conductive bag and shipping container.