

## NORMAL TRAIN OPERATION

- Friction Brake On
- Main Console Power On
- Electric 3rd Rail Power On
- Master Accept Warning Button Clear
- Master Caution Warning Button Clear
- Annunciator Check
- Emergency Power Shutoff\* Off
- Engines #1-4 Start
- Generator On
- Power Inverter On
- Front Lights On
- Rear Lights On

## STATION DEPARTURE

- Passenger Doors Visual Check Clear
- Passenger Door Warning On
- Passenger Doors\* Close

## STATION ARRIVAL

- Horn Sound\*
- Friction Brake On
- Passenger Doors\* Open

## SHUTDOWN SEQUENCE

- Friction Brake On
- Rear Lights Off
- Front Lights Off
- Power Inverter Off
- Generator Off
- Emergency Power Shutoff\* On
- Electric 3rd Rail Power Off
- Main Console Power Off



*control x-train with the central console (middle center), the radio/compass unit (lower left), the GPS (middle left), and the rear wall-mounted switchboard (see mirror, upper left)*

## MANUAL TRAIN OPERATION

- Friction Brake Off
- Use Throttle\* to control train speed (25 mph max speed allowed for manual train operation throughout the real BART system)

## COMPUTER CONTROLLED TRAIN OPERATION

- Set speed with the Command Speed Knob (automatically controlled throughout the real BART system)
- Friction Brake Off
- Computer Control On
- Command Speed Knob adjust as necessary

**Please Note:** The X-Train railcar is a realistic representation of actual automated electric train operation. However, due to limitations in my knowledge of actual train operation as well as limitations within the functionality of X-Plane, inaccuracies exist.

*\*To manually operate the Horn, Doors, Throttle, and Emergency Power Shutoff, click and hold, then drag button up or down.*