**Robot**

E

Turn OFF.

Roll away from stairway.

NO

YES

YES

YES

Switch to FLAT mode.

NO

Done Climbing?

NO

At Bottom Step?

Switch to BOTTOM-STEP CLIMBING mode.

Done Climbing?

YES

NO

Switch to TOP-STEP CLIMBING mode.

UP or DOWN?

At Landing?

DOWN

Switch to DESCENDING mode.

UP

Switch to ASCENDING mode.

Drive to stairway.

Switch to FLAT mode.

Turn ON.

START

E

E

E

E

E

E

END

E

**EMERGENCY SHUTOFF**

END

SHUT OFF ALL POWER.

YES

NO

EMERGENCY Button Pressed?

E