Kansas University Theatre
GENIE PERSONNEL LIFT
Revised August 2015

What it is used for:
• The easiest and safest means we have of working at heights above ladder height.
• Focusing lights
• Working on rigging

Description:
Battery-powered
• Please check to make sure the charging cord is not plugged into the wall before starting to wheel the Genie across the stage!

Hydraulics
Basket:
• Goes up with you. Check for clearance around you in the air.
• Maximum platform height is 25 feet.
• Electrical outlet in the basket.
• Controls:
  • Up and down switches
  • Dead person switches must have button pressed for it to move.

Outriggers:
• Offer substantial stability
• Stored by the gel room
• Attachment to the Genie

Moving:
• The Genie will sway A LOT while it is being moved.
• It is preferable to have the outriggers attached and slightly off the floor when the Genie is being moved.
• Be very cautious of rolling the wheels over any kind of obstruction while the basket is elevated. The inertia could easily cause the Genie to tip over.

Battery Considerations:
• The pitch of the hydraulic pump will drop noticeably when the Genie is starting to lose power.
• DO NOT OPERATE THE GENIE ON A LOW BATTERY. It is bad for the hydraulics, battery, and solenoid.
• Set the Genie to charging and wait for it to get fully charged before using again.

Charging the Genie:
Unplug the battery connections.
Plug the power cord into a grounded outlet.
Set the charging timer to 12 hours.
• The battery is fully charged when the DC Amps gauge reads approximately 2A.
The process of charging the battery causes the water in the cells to boil off.
• At least once a week, the water level of the battery should be checked.
• The electrolyte should cover the plates in the cell. IT SHOULDN'T COME ALL THE WAY TO THE TOP OF THE CELL!!
• It will boil over, spewing battery acid all over the battery case and the stage. THIS IS BAD!
• In the event of a battery acid spill there is baking soda in the gel room that can be used to neutralize the acid.