



Low friction belt and pulleys to allow tube rotation

Water level

Tubes filled with water

Water

Air

Water resting on Mercury
or Gallium above 85.58 °F

Access ports for
heavy liquid
to equalize
left to right
mass
distribution tanks

180 passable tank
separating air
and water and
allowing heavy fluid to
equalize

Two separated mass distribution tanks
for reducing heavy
liquid vertical displacement