

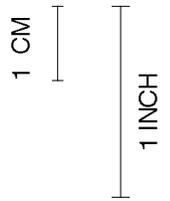
# Galileo Scale Model

## PARTS SHEET 2: HGA Reflector & Sun Shades

PRINT ON HEAVY WHITE PAPER

CUT PARTS AWAY FROM AREAS MARKED WITH THIS SHADING (APPEARS BLUE ON A COLOR MONITOR, AND GREY ON A B&W PRINTER)

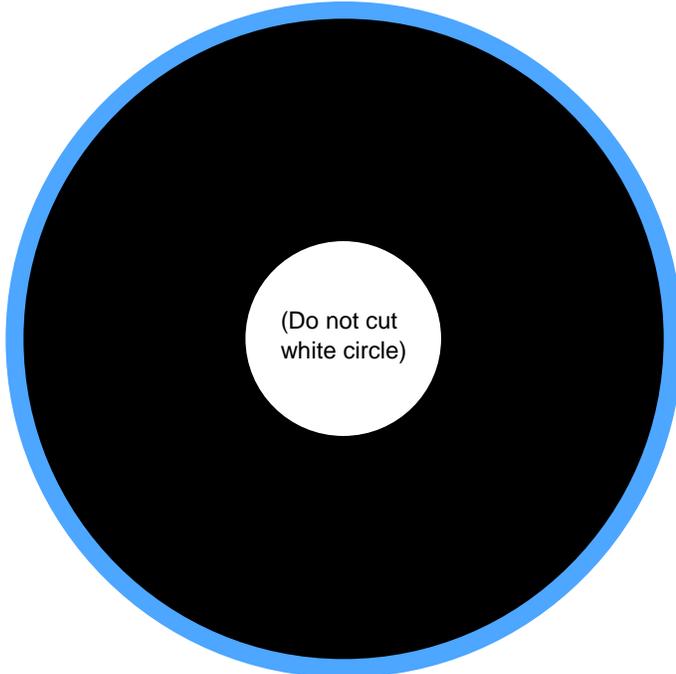
PRINTING CALIBRATION



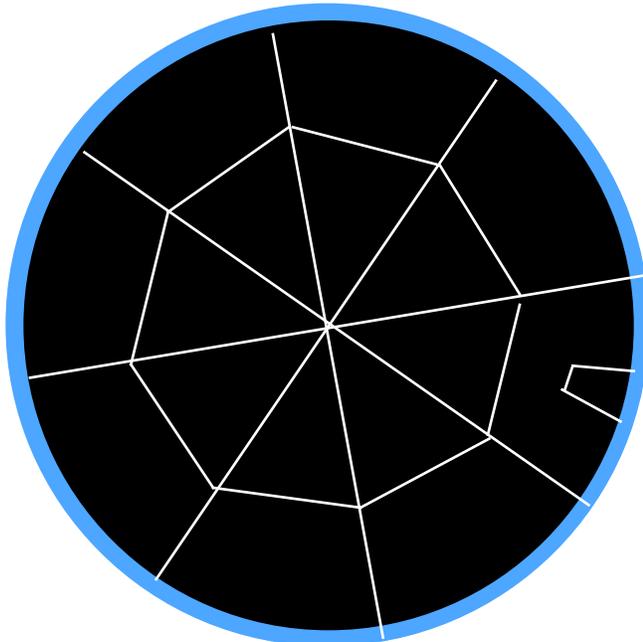
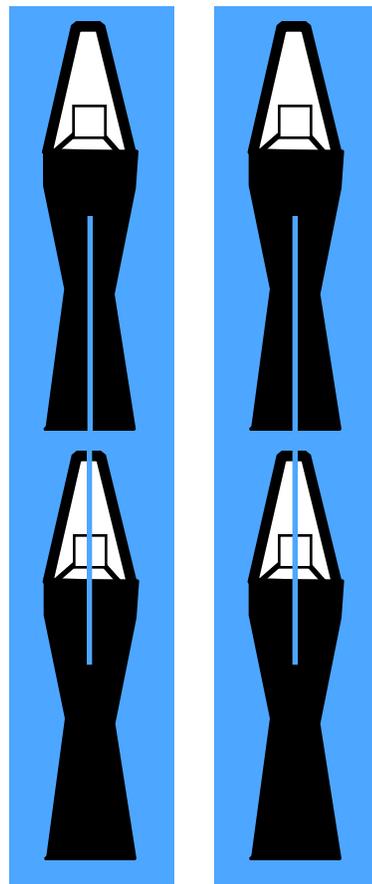
FOR ILLUSTRATED ASSEMBLY INSTRUCTIONS, GO TO <http://www.jpl.nasa.gov/galileo/model>

Galileo's path through the inner solar system, needed for gravity assist early in its flight to gain enough energy to reach Jupiter, required the installation of sunshades to protect the HGA, the spacecraft bus, and many other parts of the spacecraft, from the Sun's heat. A second low-gain antenna was mounted on an RTG boom for telecommunications. Low-Gain Antenna No. 1 (LGA-1), shown atop the HGA SUNSHADE, supports communications with Earth since the HGA is unusable.

BUS SUNSHADE TOP



REFLECTOR STRUCTURE FRONT BACK



BUS SUNSHADE BOTTOM

HGA SUNSHADE TOP



HGA SUNSHADE BOTTOM

