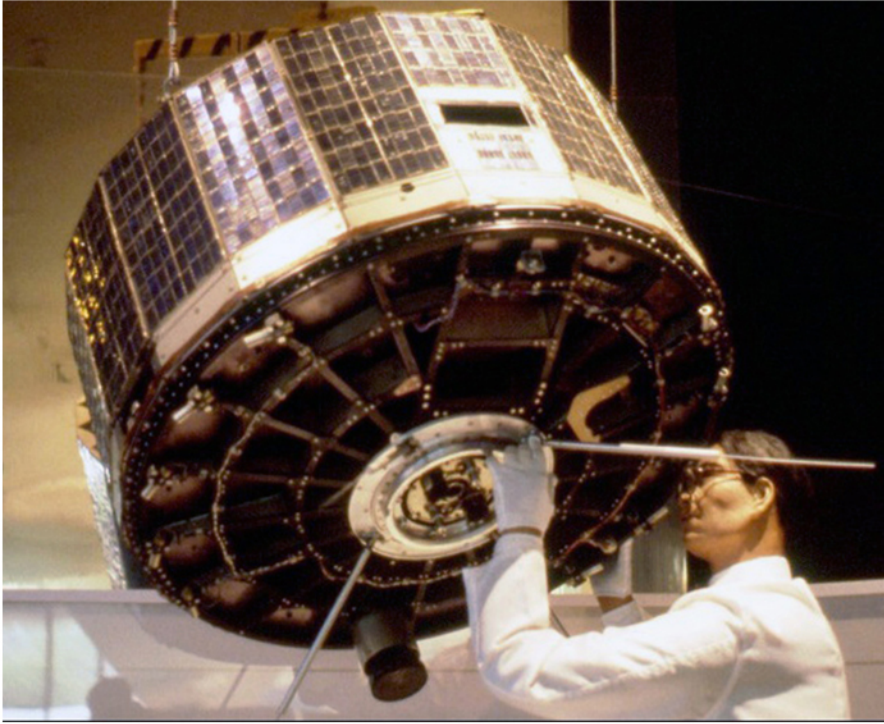


Tiros-1



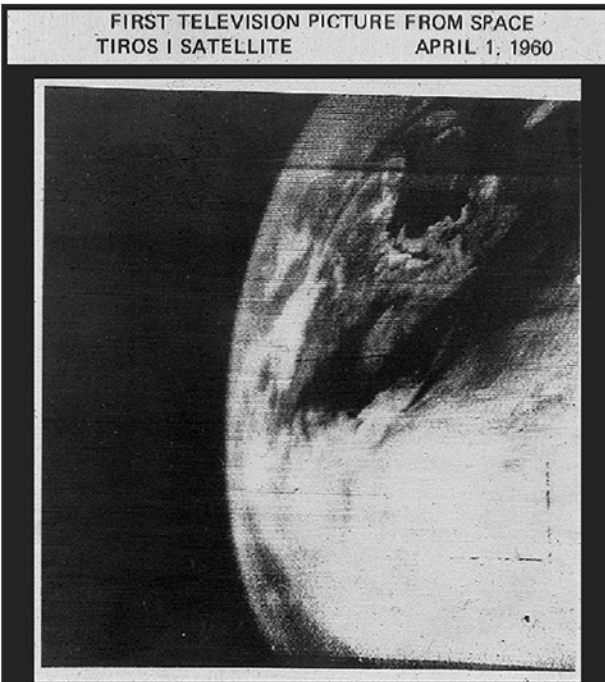
TIROS I (Television Infrared Observation Satellite I) was launched on April 1, 1960 from Cape Canaveral, Florida. The main objective of the TIROS program was to demonstrate the feasibility and capability of observing the Earth's cloud cover and weather patterns from space. Although the program was experimental, this first space-borne system demonstrated the capability to acquire information which meteorologists could immediately use in an operational setting.

TIROS I was the world's first weather satellite to test the experimental television techniques leading to a world-wide meteorological satellite information system. It also was the first satellite to test sun angle and horizon sensor systems for spacecraft orientation. There were several participating agencies in the test, including NASA, the US ARMY Signal Research and Development Lab, the US Weather Bureau, RCA, and the US Naval Photographic Interpretation Center.

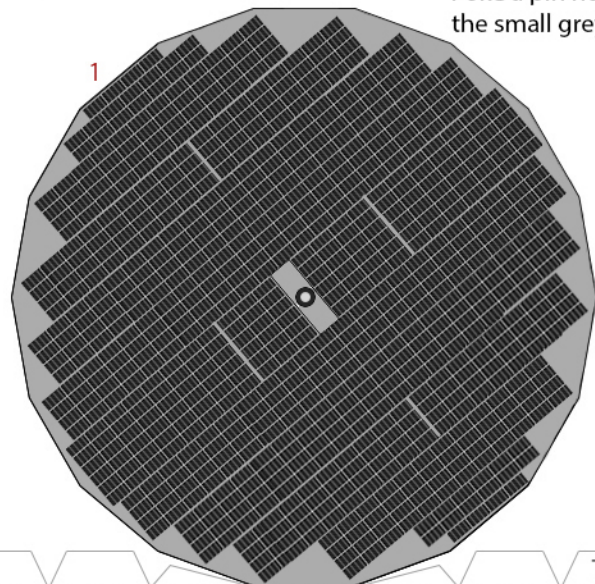
The first image from TIROS-1, was a fuzzy picture of thick bands and clusters of clouds over America. An image captured a few days later revealed a typhoon approximately 1,000 miles east of Australia. TIROS-1, a polar-orbiting satellite, was 42 inches in diameter, 19 inches high, weighed 270 pounds and carried two cameras and two video recorders.

TIROS I was operational for 78 days and proved that satellites could be a useful tool for surveying global weather conditions from space. It was followed by nine more test satellites launched between November 23, 1960 (TIROS II) and July 2, 1965 (TIROS X) to provide routine, daily weather observations.

[Print on 65lb Paper](#)

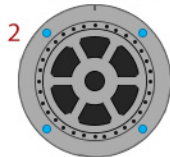


Tiros-1



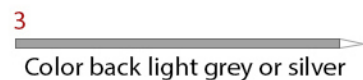
Poke a pin hole on the small grey dot

Poke pin holes on the small Blue dots

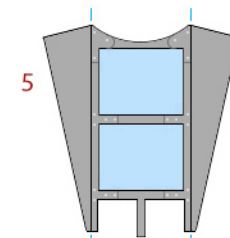


Cut a plastic broom straw or similar material same length as the line below for the top antenna

Print on 65lb Paper



Color back light grey or silver



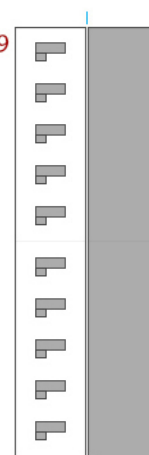
Cut out the blue squares



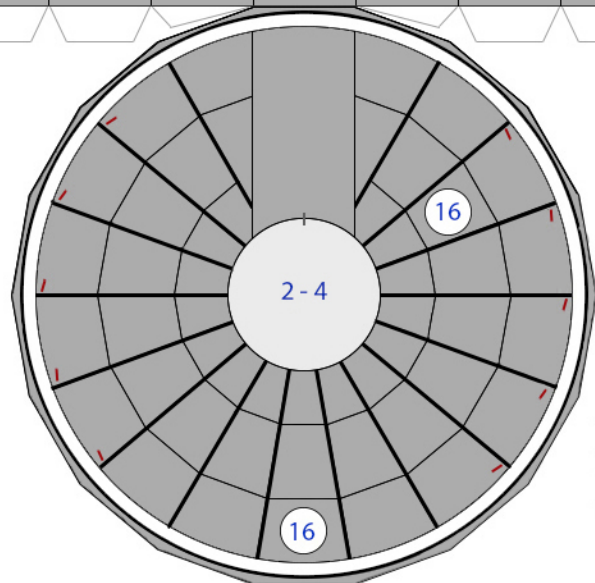
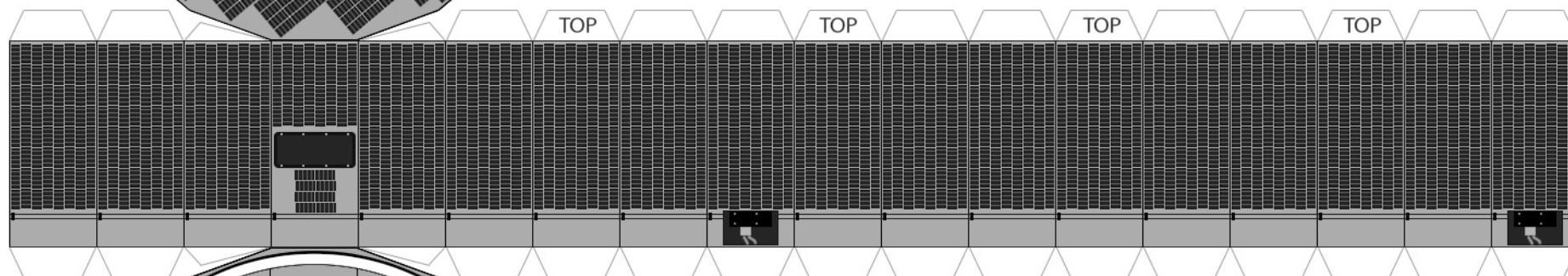
Color back light grey or silver



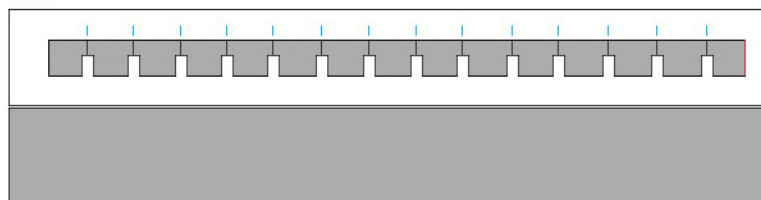
9



Fold-glue each back-to-back

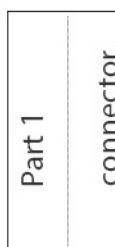
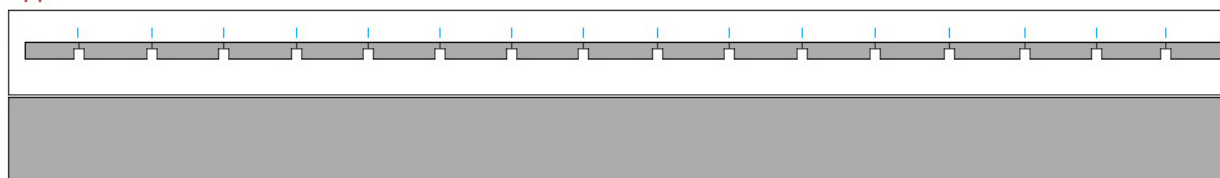


10



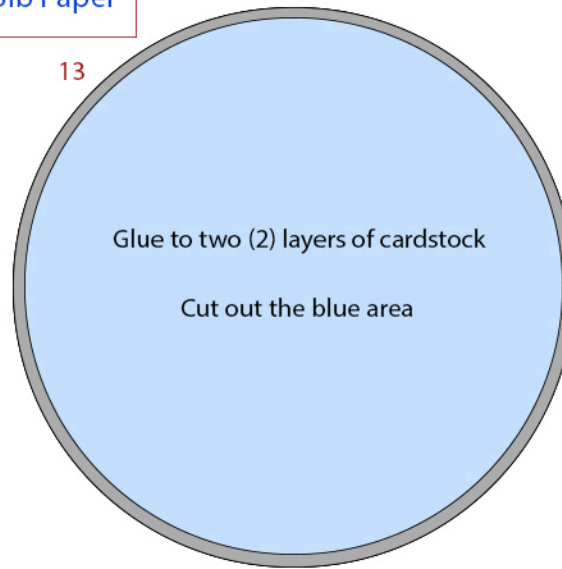
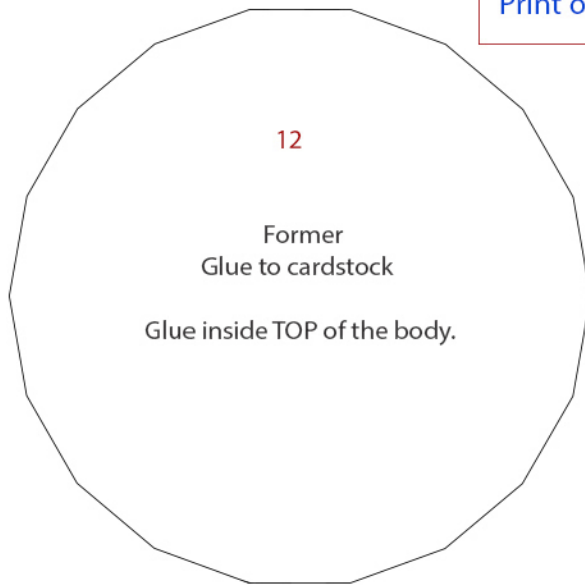
Fold-glue these back-to-back for color on both sides, then cut out including the white slots, fold at the blue lines

11



Tiros-1

Print on 65lb Paper



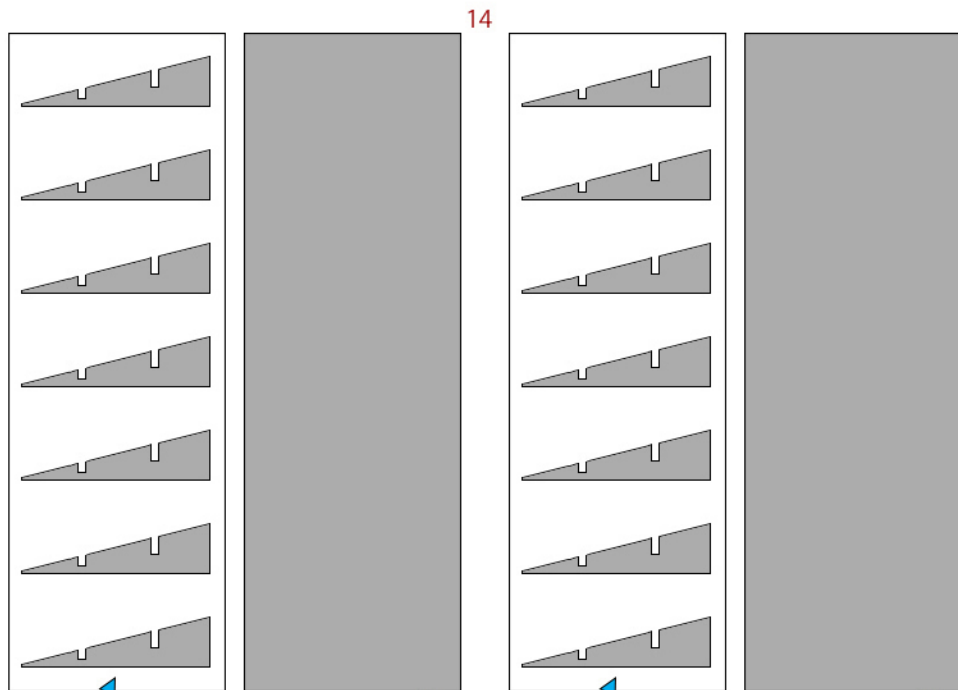
17  18  Glue this to two (2) layers of cardstock

19  Color back Black on these two (2) parts



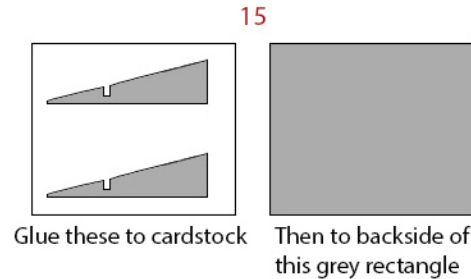
  Glue this to two (2) layers of cardstock

 Color back Black on these two (2) parts



Glue these to cardstock, then to backside of this grey rectangle

Glue these to cardstock, then to backside of this grey rectangle



Cut four (4) plastic broom straws or similar material the same length as the line below for the bottom antennas.

