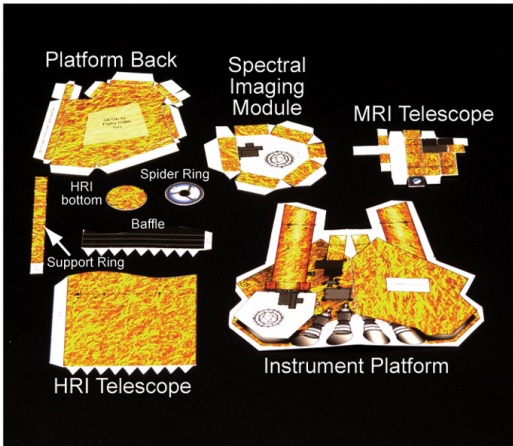
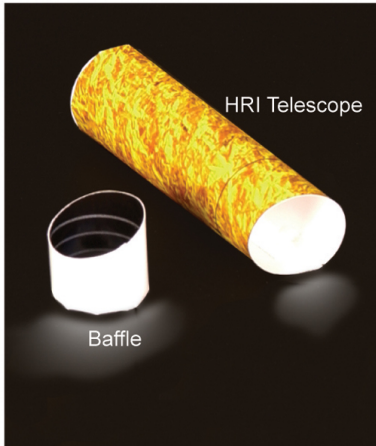


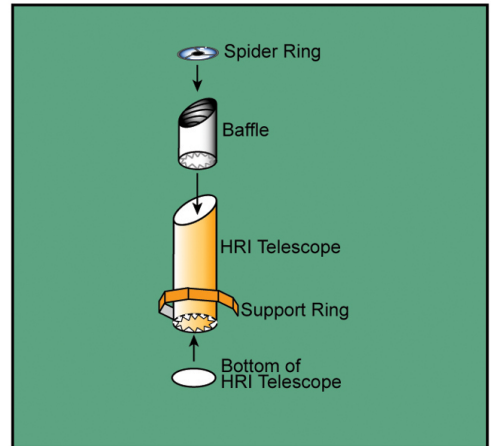
B. Instrument Assembly



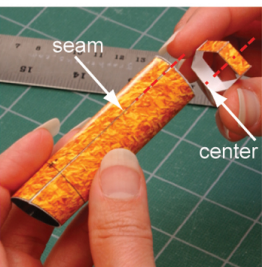
1. Score the folds, then cut out all the parts EXCEPT the MRI telescope—follow the detailed instructions for it below. **Important:** Leave some white space around the **instrument platform** as you cut it out. Fold it, then glue the two halves together. Wrap it in wax paper, and press it in a heavy book overnight. Then trim it.



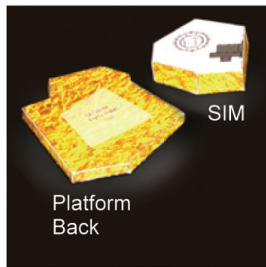
2a. Roll the **HRI telescope** around a pencil. Glue the straight tab, then fold pointed tabs in. Do the same thing with the **baffle**, except roll the color to the inside.



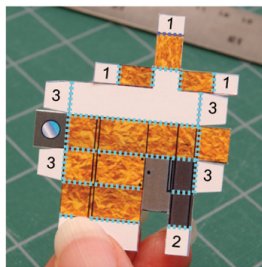
2b. Glue the **spider ring** inside the baffle, so it attaches to the pointed tabs. Then glue the baffle inside the HRI telescope, aligning the angle of the open ends. Glue the bottom onto the telescope.



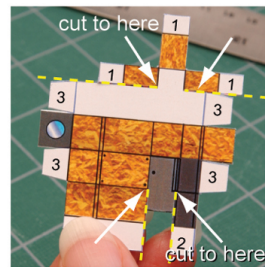
2c. Glue the **support ring** around the telescope, centering one of the ring's sides over the telescope's seam. Let dry.



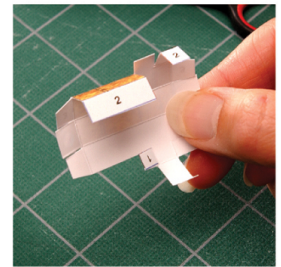
3. On the **platform back**, glue the smallest tabs to form its sides. Let dry. On the **spectral imaging module (SIM)**, glue the pointed tabs first to form the box. Then glue the straight tabs. Let dry.



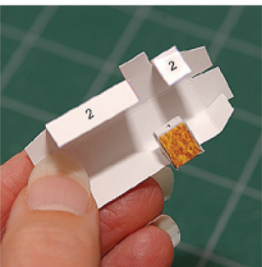
4a. We've saved the trickiest part for last—the **MRI telescope**. Start by scoring on the blue dashed lines shown here.



4b. Cut out the part. Make sure you cut into the part on the yellow lines.



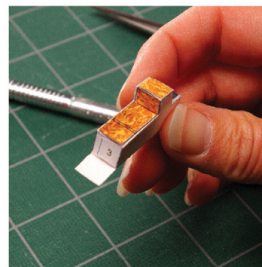
4c. Fold along the scored lines, and visualize the box you're making.



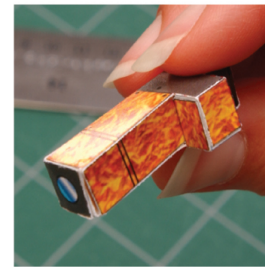
4d. Glue the "1" tabs together to form a box.



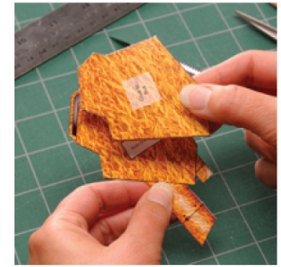
4e. Glue the "2" tabs to the inside of the telescope, forming another box as shown.



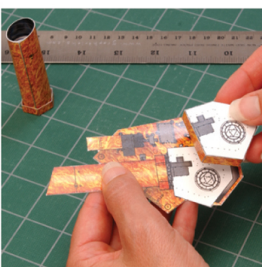
4f. Glue the "3" tabs together to close the ends of the telescope.



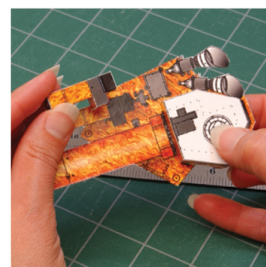
4g. Glue the unnumbered tabs down, and you have the finished MRI telescope. Let dry.



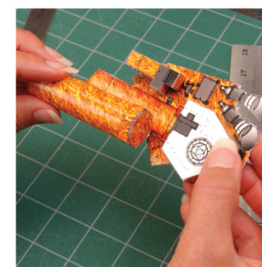
5. Glue the platform back to the instrument platform.



6. Glue the SIM to the instrument platform.



7. Glue the MRI telescope to the instrument platform.



8. Glue the HRI telescope to the instrument platform.



9. Here's the finished instrument assembly.



10. Glue the entire assembly to the bus, keeping the bottom edges parallel.