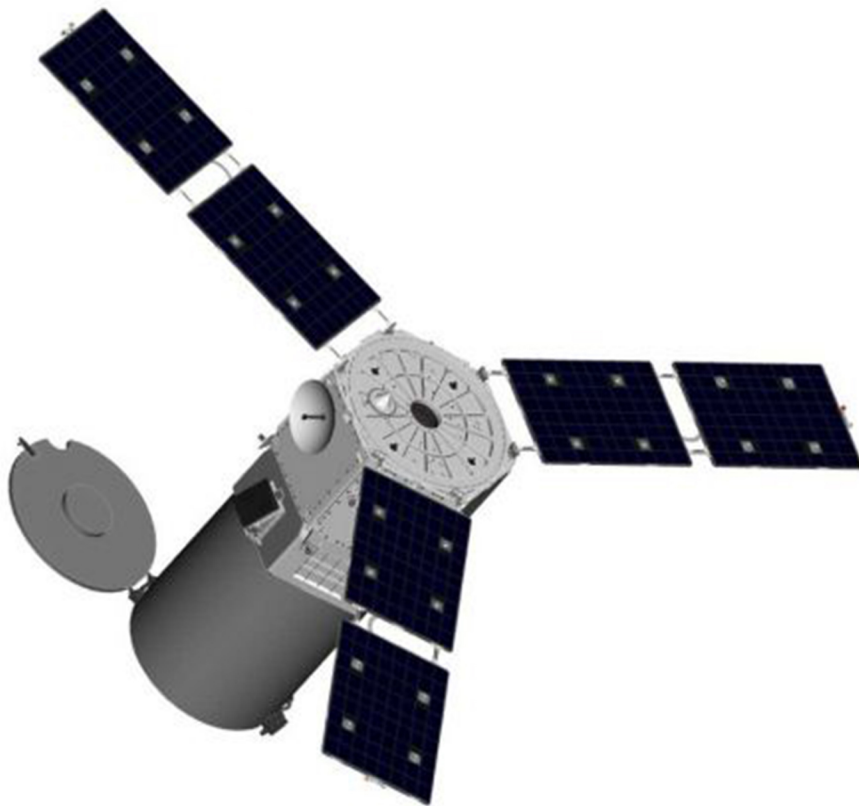




ORS-1, the first Operationally Responsive Space (ORS) satellite specifically designed to support combatant command operations, was launched from Wallops Island Flight Facility aboard a Minotaur I launch vehicle on June 29, 2011.

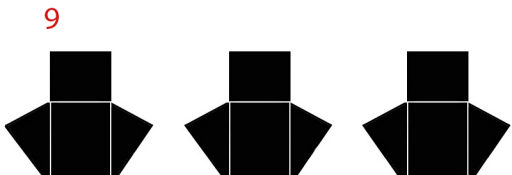
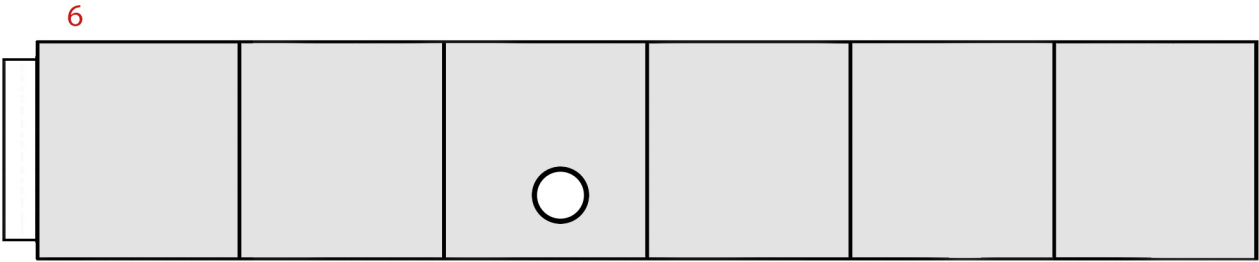
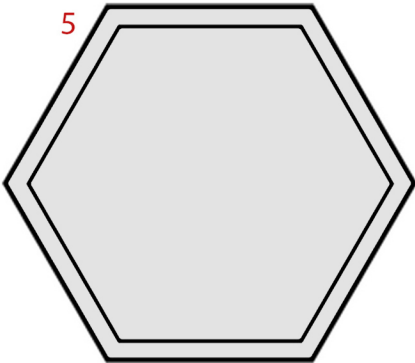
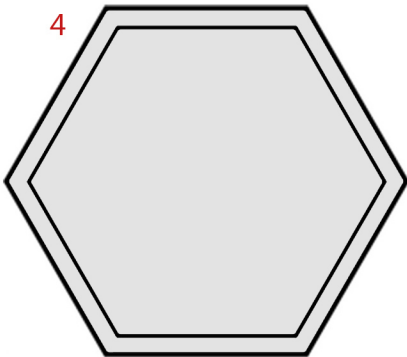
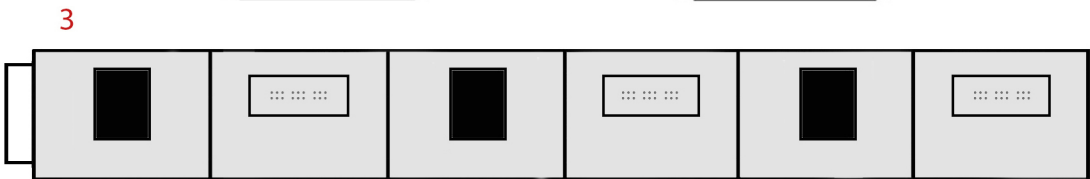
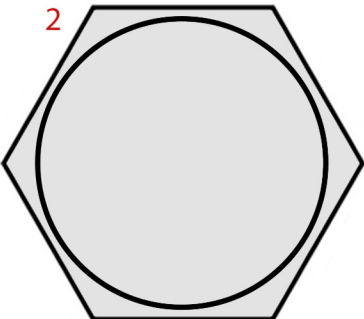
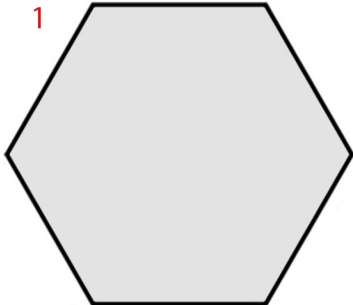
ORS-1 is a 500kg class satellite providing game-changing impacts. In recognition of its ground breaking importance, ORS-1 was named one of the nation's 25 most important concepts by C4ISR Journal in 2011.

Initiated to fulfill requirements from the Commander of U.S. Strategic Command (STRATCOM) to support U.S. Central Command (CENTCOM), the satellite moved from the drawing board to delivery in 30 months. Less than 90 days after launch, ORS-1 earned early acceptance and has been satisfying CENTCOM's mission needs for multispectral EO/IR imagery and enhanced battlespace awareness ever since.

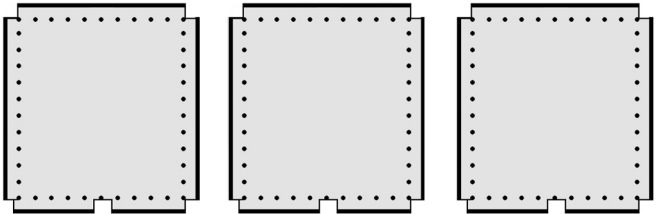
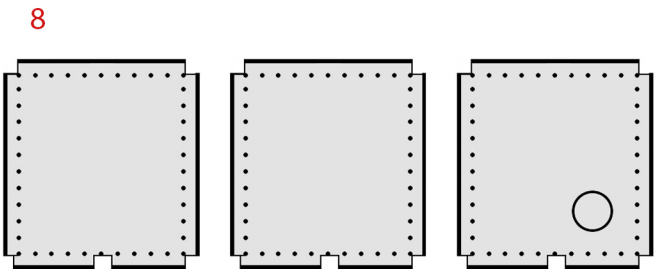
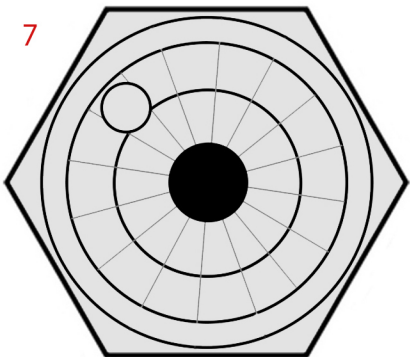


ORS-1 (Operationally Responsive Space-1)

By Glenn ALvord - 2015

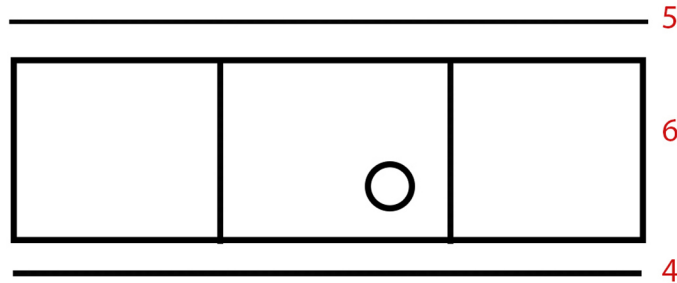
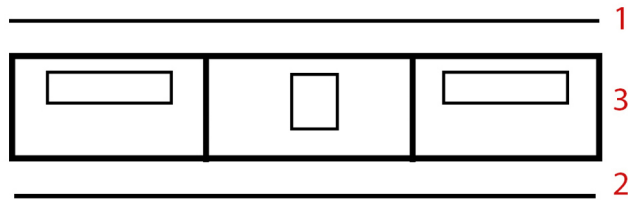


Color back black



Glue these to another layer of cardstock

Important



Roll-Glue 1 around the INNER perimeter of 3.

Glue 2 to the bottom of 3 (2 is a little larger than 1).

Roll-Glue 4 around the INNER perimeter of 6 at the bottom.

Glue 5 (a little larger than 4) to the top of 6.

The upper bus is smaller than the lower one.

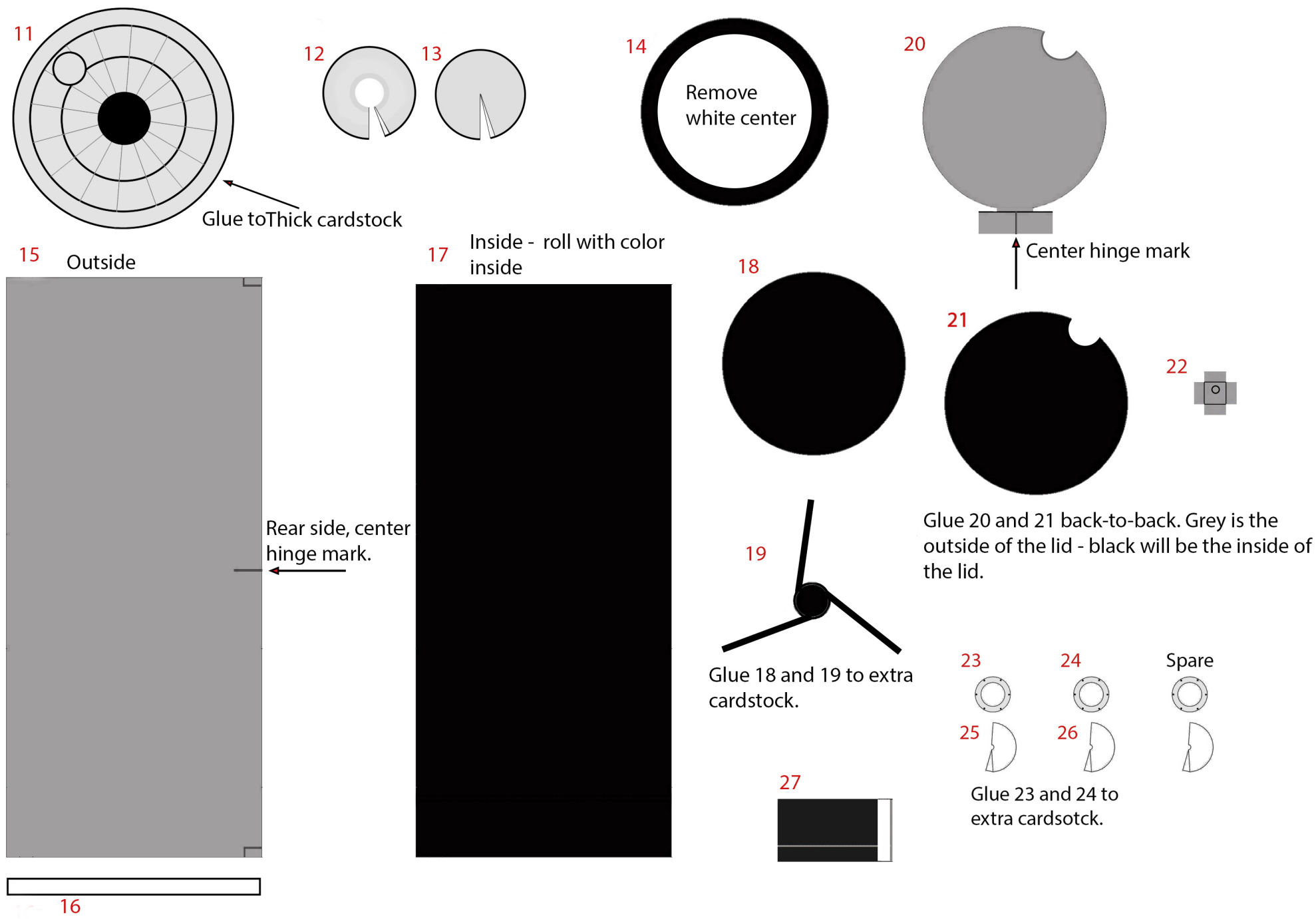
Glue the upper bus to the lower one, keeping the flat sides in line.

Flat side with the square part on the upper bus must line up with the flat side with the circle graphic.

See example on the left.

ORS-1 (Operationally Responsive Space-1)

By Glenn Alvord - 2015



Solar Panels

