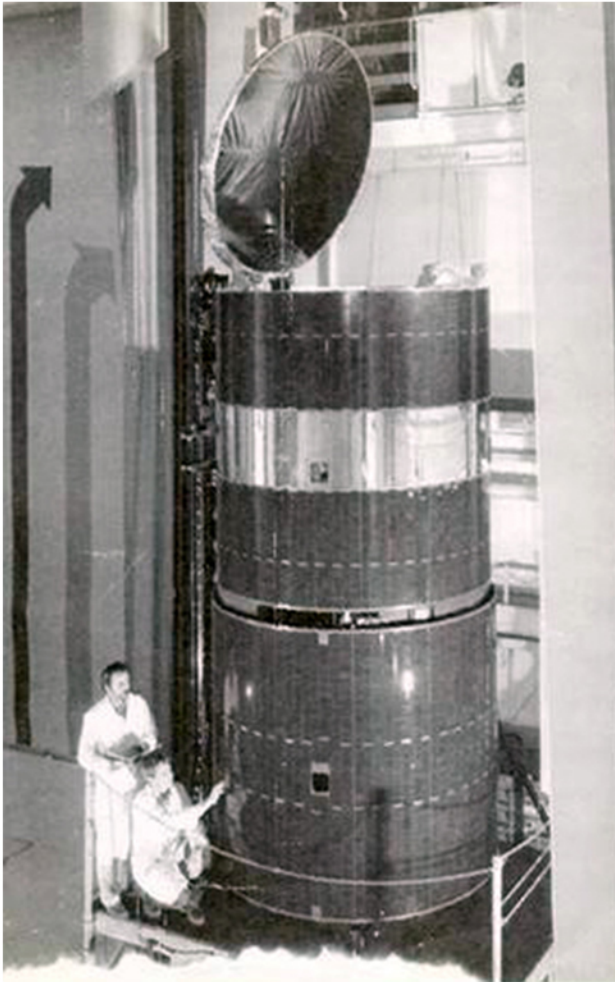


PALAPA B-2



Westar 6, also an HS-376 based satellite, was launched from STS-41-B (the shuttle Challenger) on February 3, 1984, to be put into service afterward, but the perigee kick motor (also known as the Payload Assist Module, or PAM) on the satellite failed during its approach to geosynchronous orbit, placing it at an improper and inoperable low Earth orbit.

Three days later, the second satellite, Palapa B2 for Indonesia, was ejected flawlessly from the shuttle. Again, an onboard timer fired the perigee kick motor. Again, a short burn placed the satellite in an errant orbit similar to that of Westar VI.

Earlier shuttle flights had successfully placed SCG spacecraft into orbit, but the events of Mission 41-B left the two communications satellites circling Earth uselessly and set the stage for one of man's most ambitious and dramatic space adventures.

By the November 8 launch of shuttle Discovery on Mission 51-A, Westar VI and Palapa B2, their stabilizing spins reduced to 2 revolutions per minute, were ready to be brought home after spending nine months orbiting the Earth more than 3800 times.

This will be the first time that a satellite will be retrieved and returned to Earth for repairs. In this case, both the Westar-6 and Palapa B2 will make history together.

After chasing Palapa B2 around the earth for 1.6 million miles, Discovery was in a position on November 12 to begin history's first space salvage operation.

With Palapa B2 onboard, Shuttle Discovery chased down Westar-6. It was retrieved on November 14, 1984.

Discovery landed at the Kennedy Space Center in Florida at 4 am PST on November 16 with both satellites on board.

STS-51-A was the 14th flight of NASA's Space Shuttle program, and the second flight of Space Shuttle Discovery.

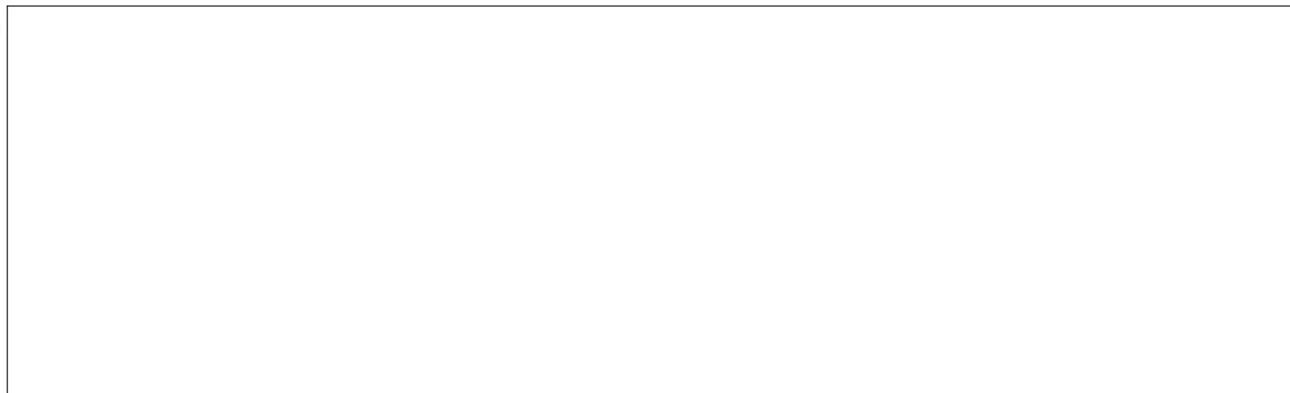
Hong Kong-based AsiaSat purchased the Westar 6 satellite, refurbished it, and relaunched it as AsiaSat 1 on April 7, 1990, on a Chinese CZ-3 rocket.

The Palapa B2 satellite returned to Indonesia after its relaunch as Palapa B2R on April 13, 1990, aboard a Delta rocket.

PALAPA B-2

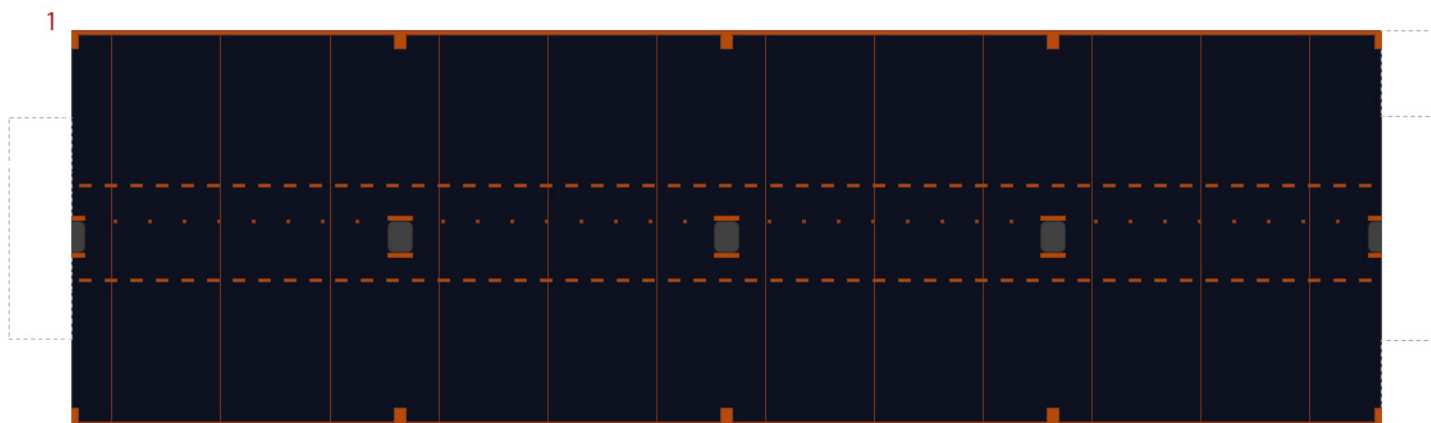


3



Inside spacer

1

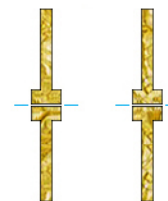


18



Glue one to cardstock,
then back-to-back

19

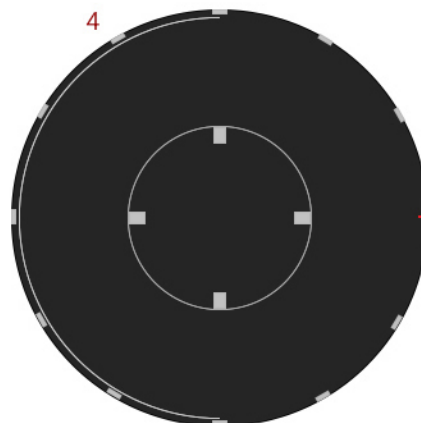


Fold-glue back-to-back

2

Inside former
GLue to cardstock
Glue to inside bottom
of the body

4



7



Inside

6



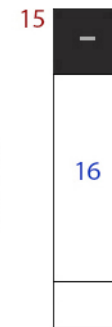
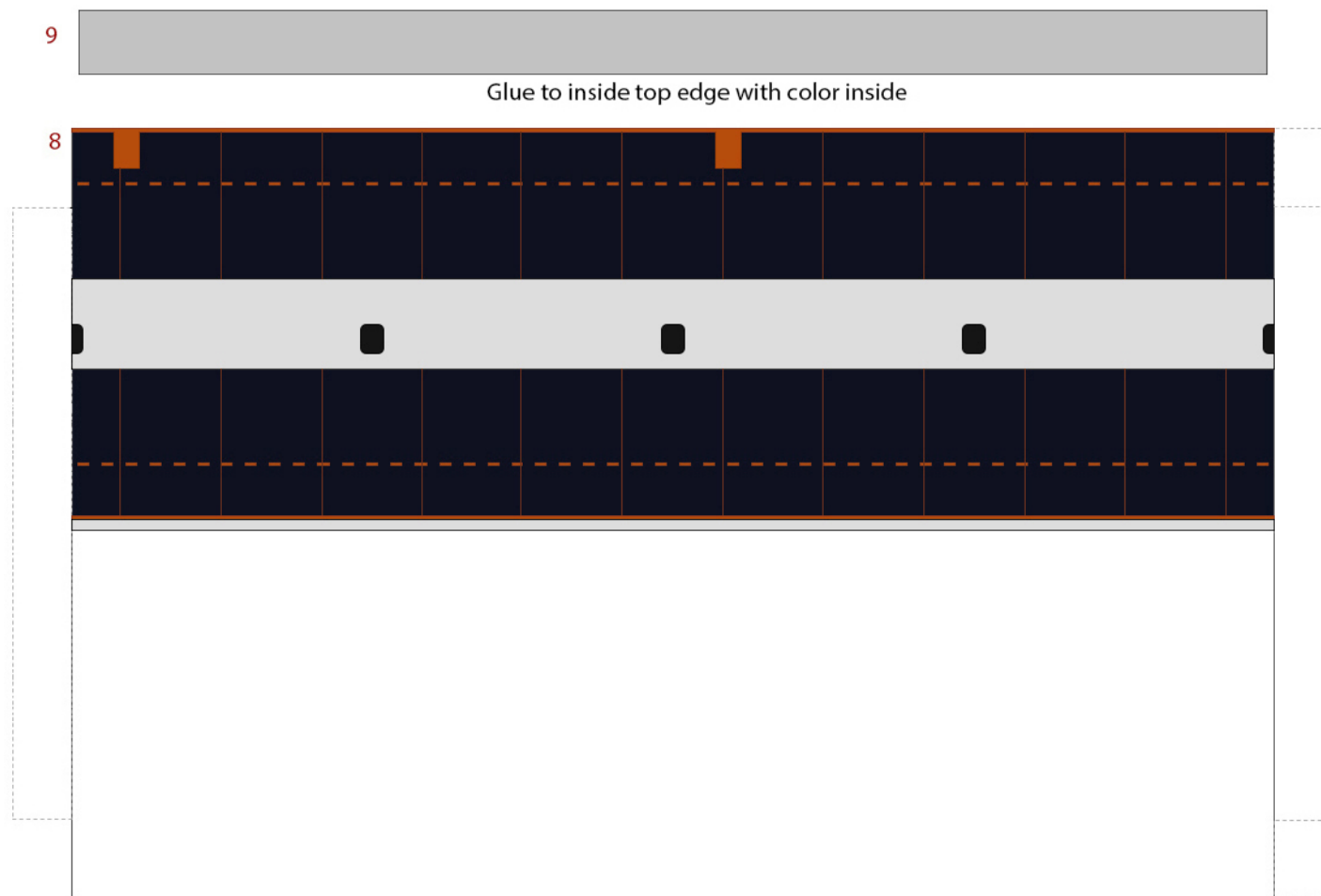
Outside

5

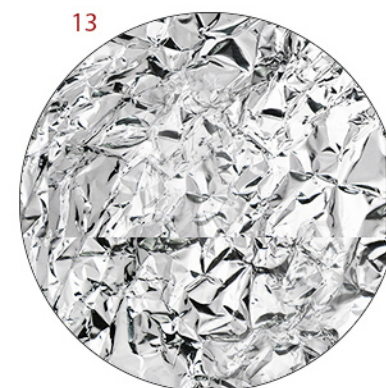


Color back Black

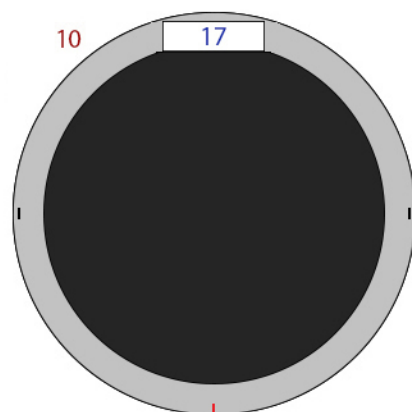
PALAPA B-2



Glue to cardstock



Glue to cardstock



Glue to cardstock

