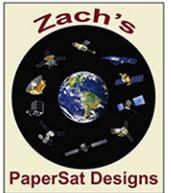


SkySat-3



Earth observation company Terra Bella (a Google company), previously known as Skybox Imaging, has two satellites in orbit today: SkySat A, which launched on a Dnepr in 2013, and SkySat B, which orbited on a Soyuz in 2014. The next 19 mark the start of the SkySat C series, of which 11 are assigned to respective launch providers.

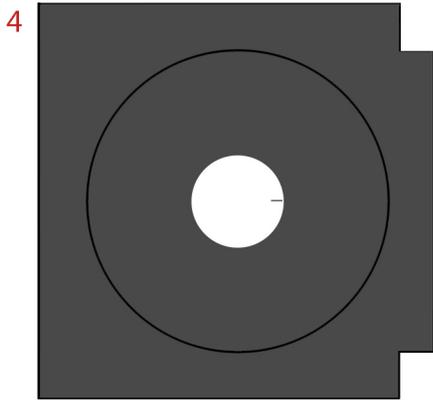
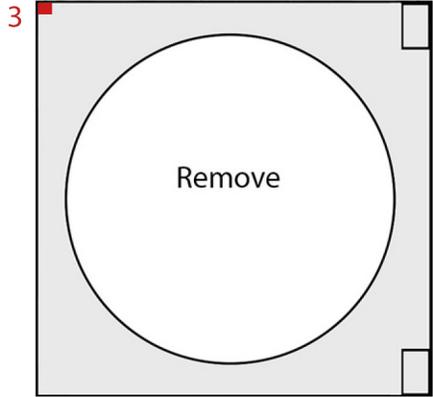
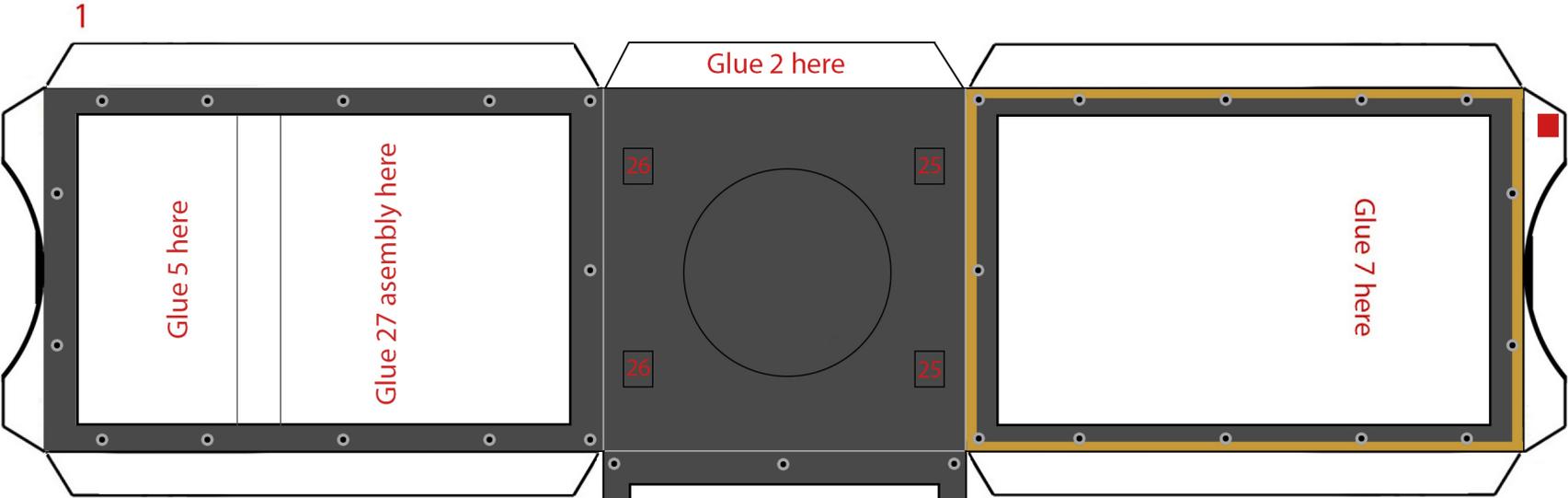
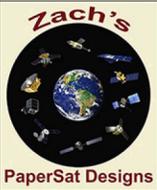
The biggest difference between the SkySat C series and its predecessors is the addition of a propulsion module. ECAPS is providing a green propellant system for the satellites. The propulsion-enabled satellites will support lifespans of at least 10 years. Without propulsion, the earlier satellites should yield six to 10 years of useful life before orbit decay makes using them more complicated.

The SkySat satellites are based on the CubeSat concept with optimized design using inexpensive automotive grade electronics,[6] as well as fast commercially available processors. The cameras use two-dimensional imaging sensors.

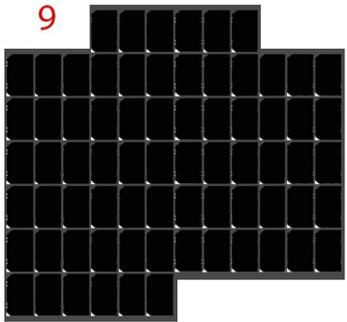
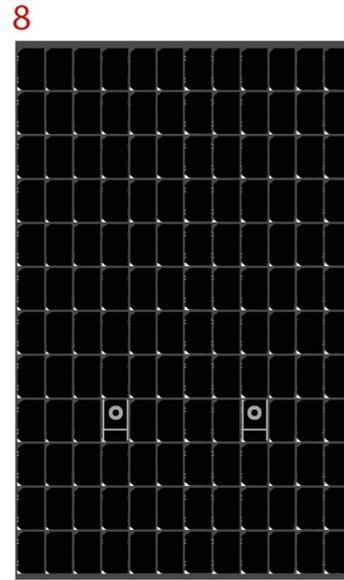
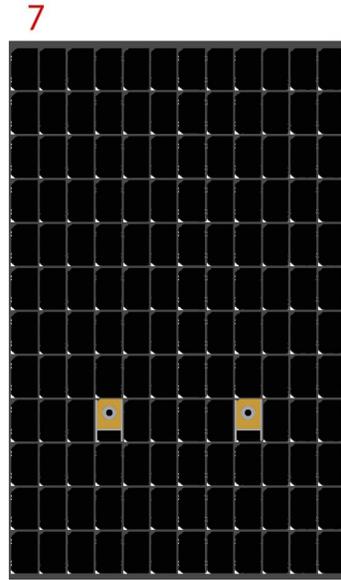
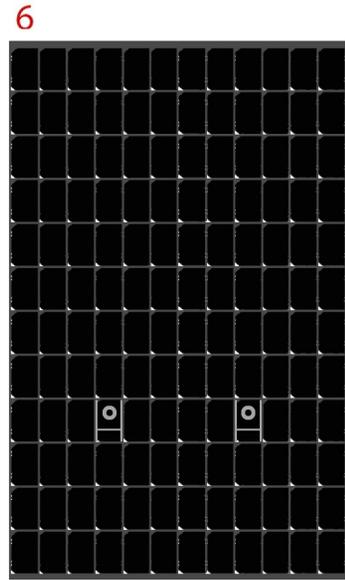
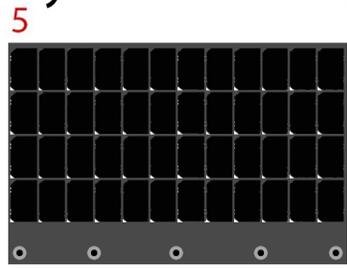
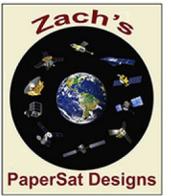
The resolution of its SkySat satellite imagery and videos is high enough to observe objects that impact the global economy like terrain, cars and shipping containers. Terra Bella says its satellites can capture video clips lasting up to 90 seconds at 30 frames per second. The high-definition satellite video from SkySat satellites could help us understand our world better by analyzing movement of goods and people, providing visual data about supply chains, shipping, industrial plant activity, and even humanitarian relief efforts.



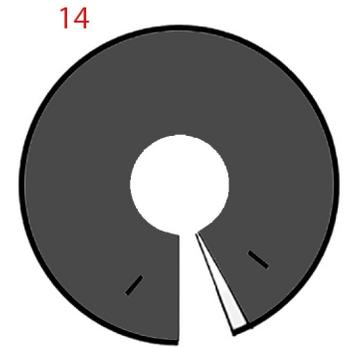
SkySat-3



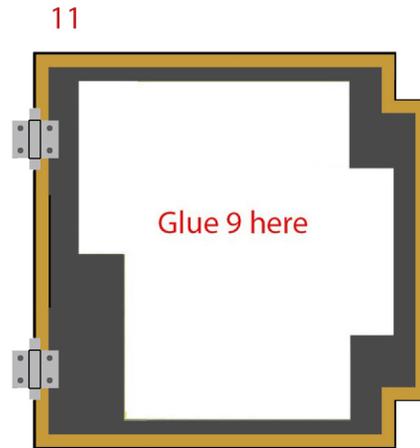
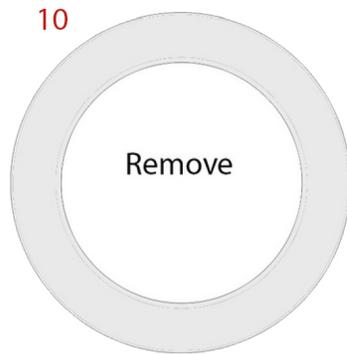
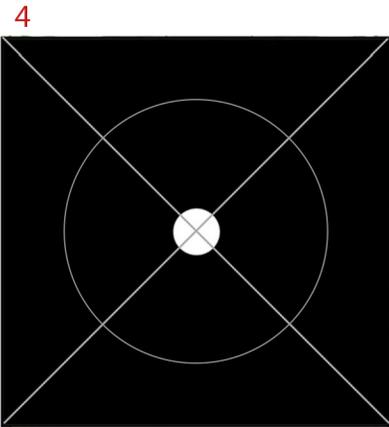
SkySat-3



Glue the 5 solar panels to cardstock, color edges black



Color back Black, cut out the two black lines.



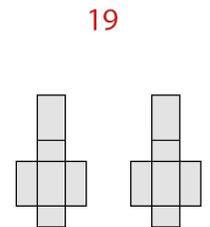
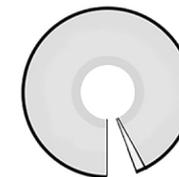
Glue 16 to backside of the square for color on both sides.



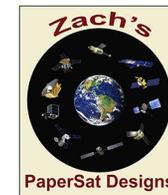
Roll into a ring with color inside



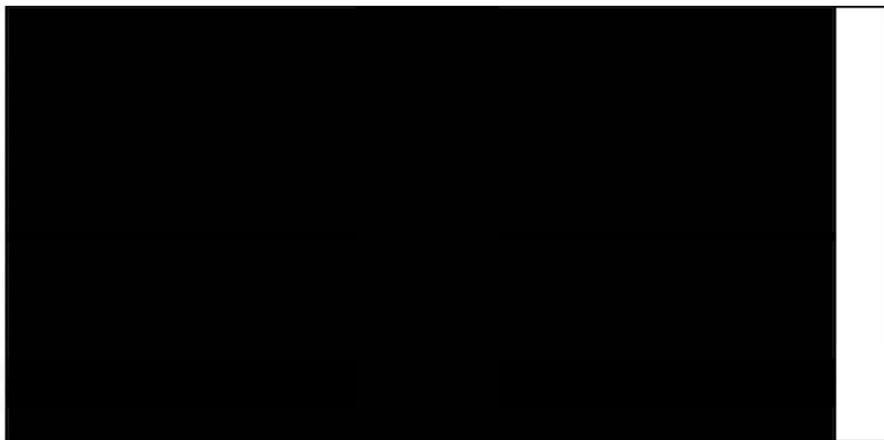
Color back black



SkySat-3



20 Roll into a tube, color inside.



22



21

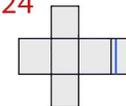


23

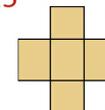
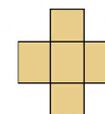


Glue each of these to thick cardstock, color backside and edges black

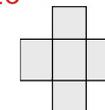
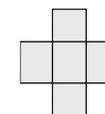
24



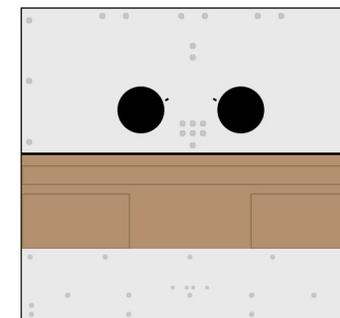
25



26

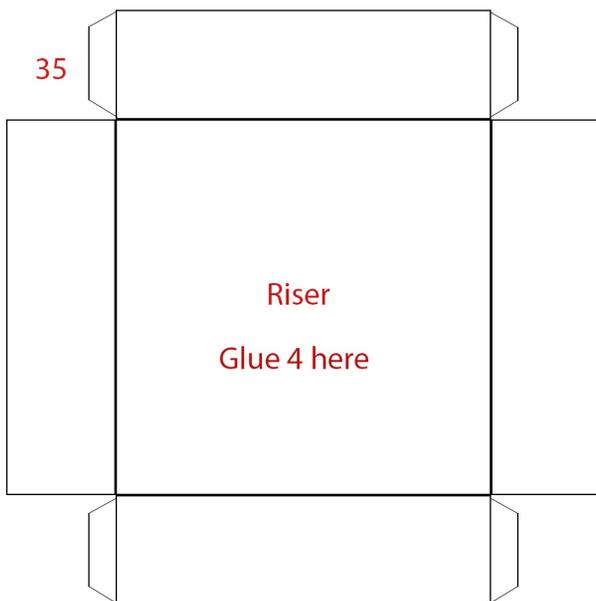


27



Glue to cardstock

35

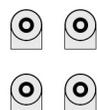


28



Need 4 plastic broom straws, painted grey or silver, 3mm long.

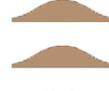
31



32



33

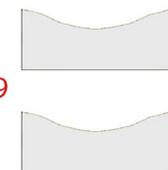


* Spares *

34



29



Color back Black, roll to angled tubes

30



Color edges of 28 and 30 the same color.