



Pléiades is an optical observation system consisting of two identical satellites of CNES (Space Agency of France), representing a long-term engagement with the introduction of advanced technologies in Earth observation capabilities. Starting with the first launch in 2009, the Pleiades program follows the SPOT program satellite series services.

The satellites have been designed with urgent tasking in mind; images can be requested from the Pléiades satellites less than six hours before they are acquired. This functionality will prove invaluable in situations where the expedited collection of new image data is crucial, such as crisis monitoring. This improved flexibility also leads itself to corridor and persistent surveillance acquisition modes.

Pléiades 1A was launched via a Russian Soyuz STA rocket out of the Guiana Space Centre, Kourou, French Guiana, on December 17, 2011, 02:03 UTC.

Pléiades 1B was launched via a Russian Soyuz STA rocket out of the Guiana Space Centre, Kourou, French Guiana, on December 2, 2012, 02:02 UTC

the Pléiades system affords a daily revisit capability on any point of the globe, to better address civilian and military requirements.



Land planning: detection and identification of small features (e.g. vehicles, roads, bushes)
Agriculture: land management and crop yields, location of crop diseases, tree count (palm trees, vineyards...)

Defence: imagery-derived intelligence and tactical planning in urban/densely populated areas.

Homeland Security: mitigation, assistance in crisis events and post-crisis assessment (particularly earthquakes)

Hydrology: topography and drainage basin gradient studies

Forestry: illicit deforestation and management of forestry yields; REDD data qualification (sampling)

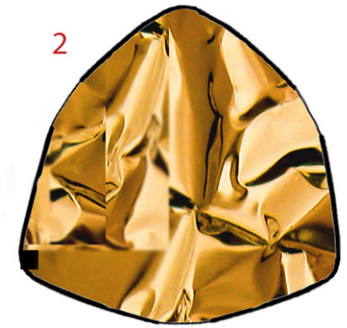
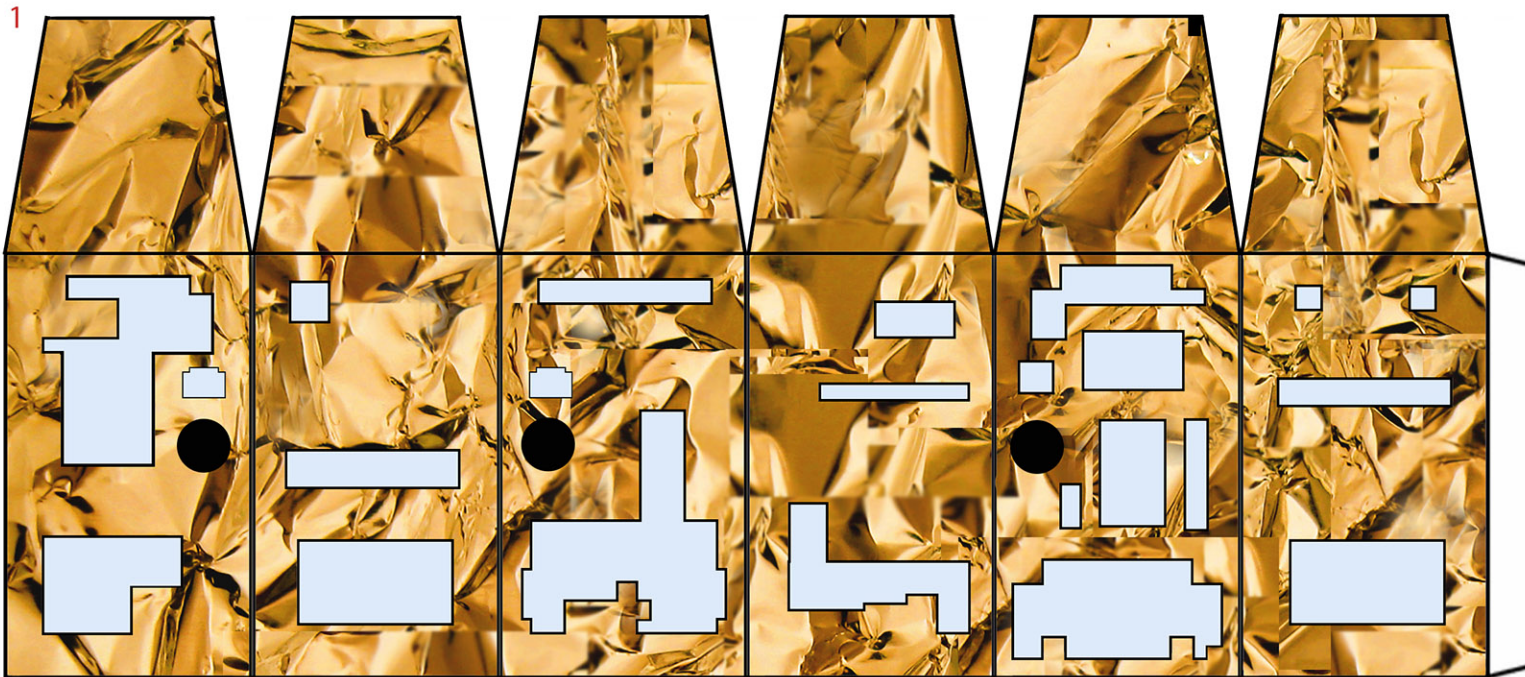
Maritime and littoral surveillance: vessel reconnaissance and contamination (oil spill), harbor mapping

Civil Engineering/Asset Monitoring: planning of road, rail and oil pipeline corridors

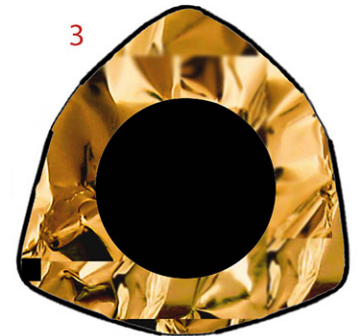
3D: flight simulators, high precision mapping, photovoltaic fields implantation...

pleiades satellite

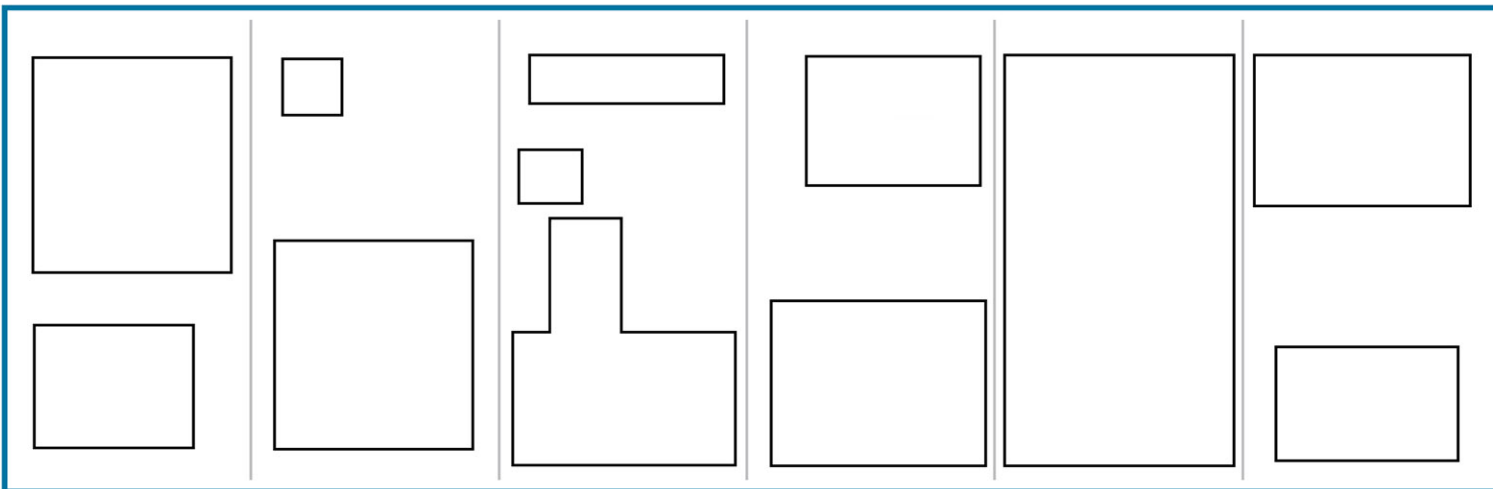
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Glue to extra cardstock, use to shape the bottom of spacecraft.



Glue to thick cardstock, glue to bottom after gluing the smaller piece to shape the bottom of the spacecraft.



A

B

C

D

E

F

Cut out the light blue sections.

Cut out the blue rectangle section above, paint the BACKSIDE brilliant silver or shiny silver paint and let dry.

Glue each of these to the matching shapes on each side of the spacecraft with the painted side showing through the cuts before folding the body into a hexagon box.

This will give you model the realistic look just like the real spacecraft.



Glue to extra cardstock

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5



5a



6



Glue to inside. black showing

7



Glue to black cardstock.

9



Color back black, one spare provided.

10



12



Glue these back-to-back.

11



13



Glue to thick cardstock.

8



14

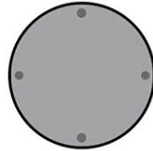


Glue to two layers of thick cardstock, color edges black.

5a



16



15a



15



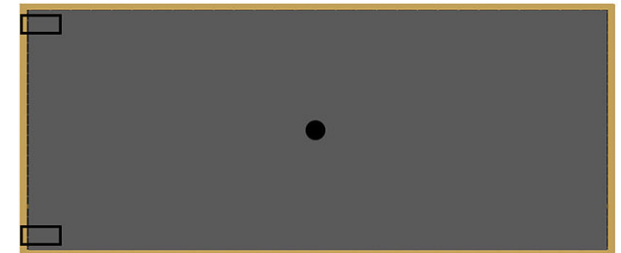
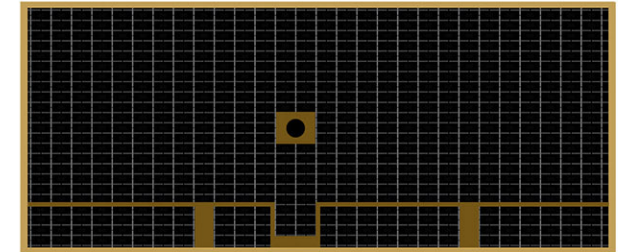
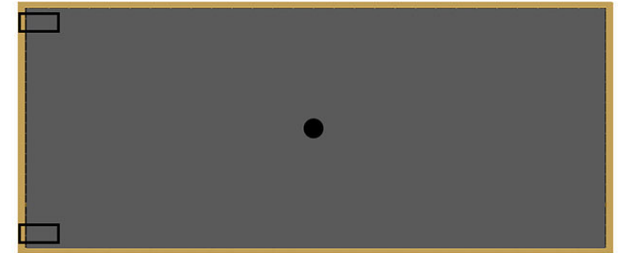
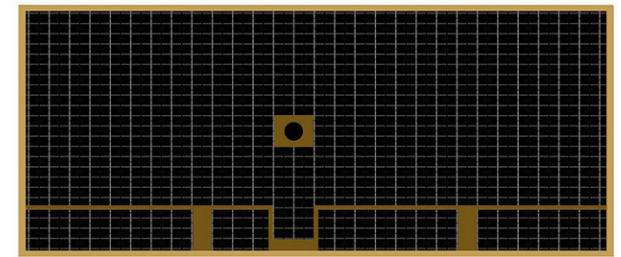
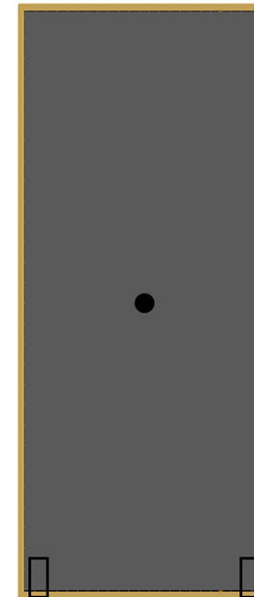
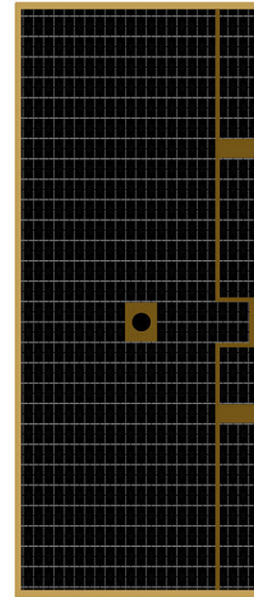
17



18

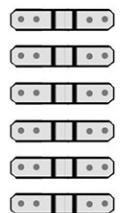
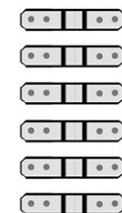


19



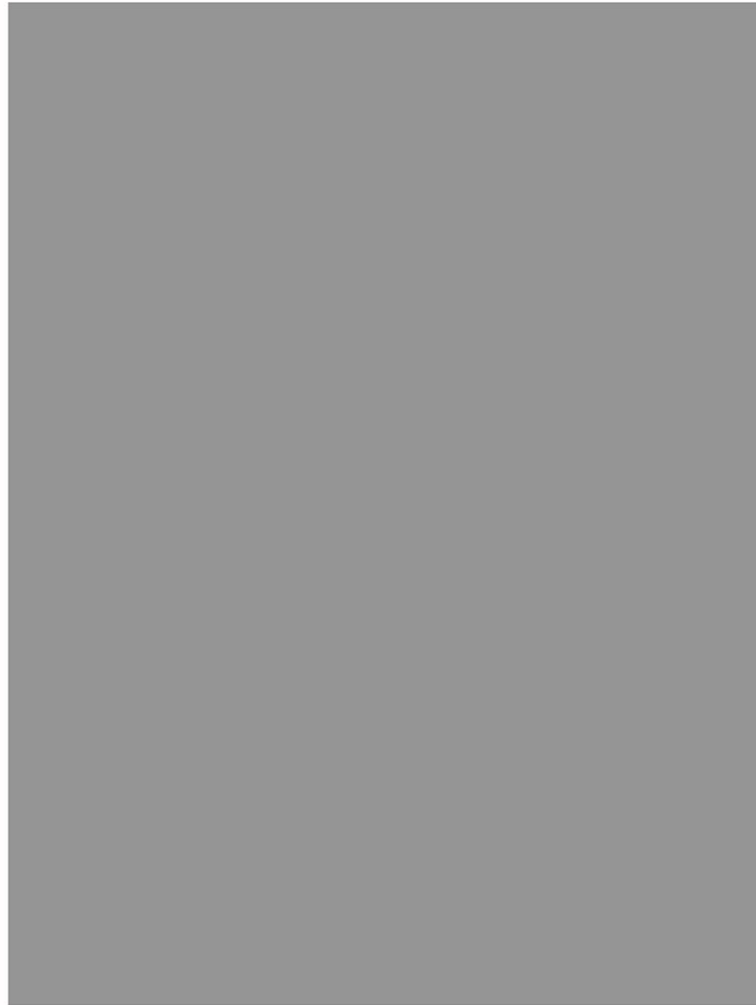
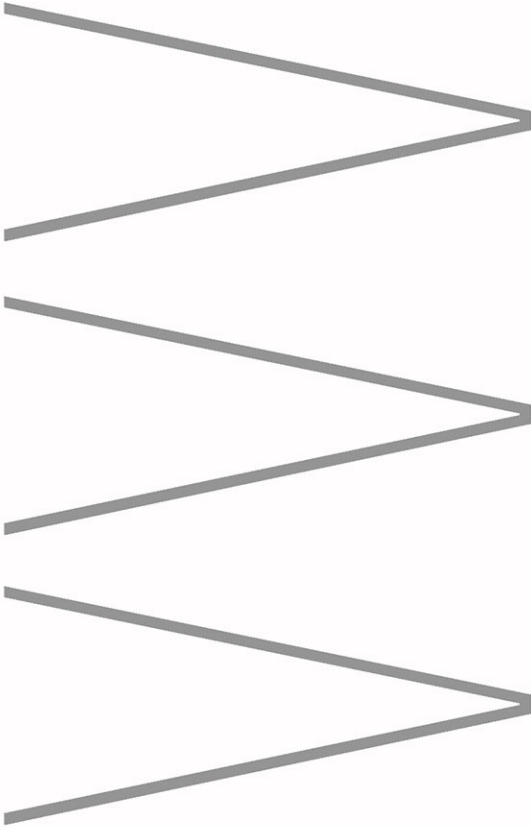
Score at the middle black lines, bend to a "Z" shape.

Glue each pair of hinges back-to-back, should end with six hinges.



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Glue the three struts to the BACKSIDE of the grey rectangle for a two-sided strut.