

Compact Space Shuttle Paper Model

By Glenn Alvord



While surfing the Internet on the space shuttle, I downloaded this picture (Left) of what I called "Compact Space Shuttle" someone did for fun.

It depicts the shuttle without the cargo bay area and it's comical to look at.

As a joke I thought, if NASA was to build a new shuttle fleet under a tight budget, It would look like this and it would be a unique paper model to enjoy.

I've built several paper models of the space shuttle, but the best ones you can find is at

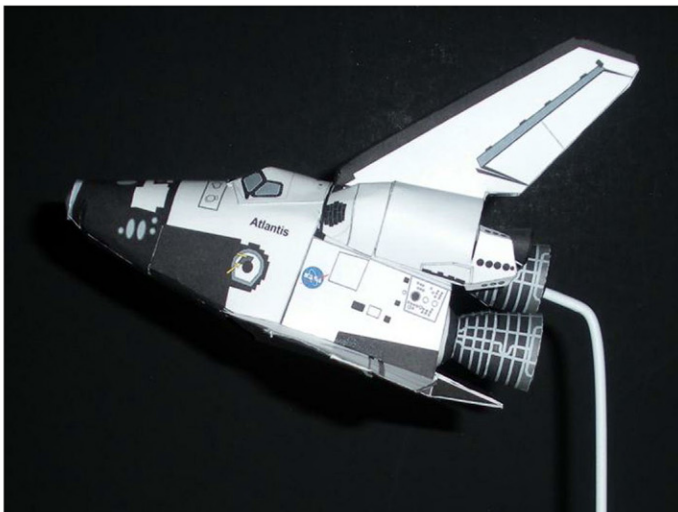
<http://www.axmpaperspacescalemodels.com/>.

You can download and build a configuration for every flight and in beautiful detail and accuracy.

You can also get models of the International Spacestation and various launch vehicles.

I Downloaded the parts for the Atlantis space shuttle and built it with the external tank and boosters.

Months later, I looked at the picture the the Compact Shuttle thinking, maybe I'll try to create a paper model of this.



I gather the files from the Atlantis space shuttle, removed the parts required for the cargo bay area, altered the wings, belly and some internal framework. After some trial and errors, I come up with this paper model of this "Compact Shuttle" (Left).

All the original parts were from the Axmpaperspacescalemodels website so all credit goes to Alfonso for the design of the models found there.

All I did was to alter a couple of parts for this model; I hope this is OK.

The only part I designed is the wing support which adds some thickness and strength to the wings.

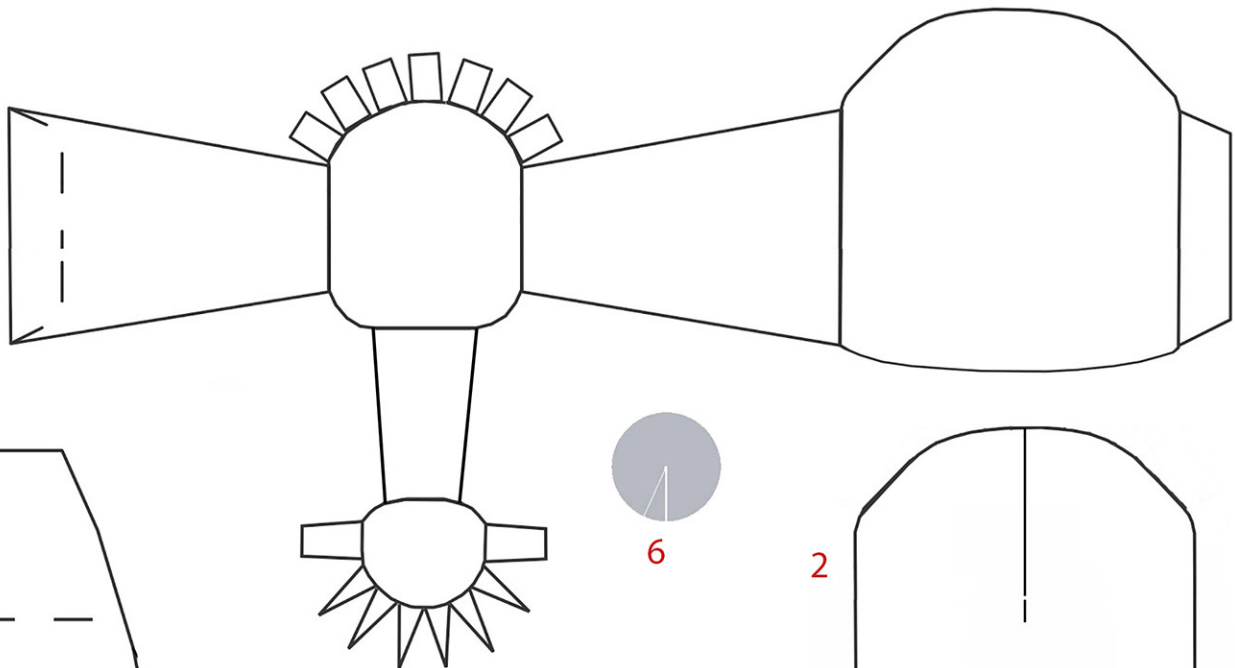
The wings may look a bit small as compared to the body from the top view.

I had to remove about 70% of the wing because of the missing cargo bay area and it was very difficult to maintain its shape and look of that of the original space shuttle wing design. But I think it looks good.

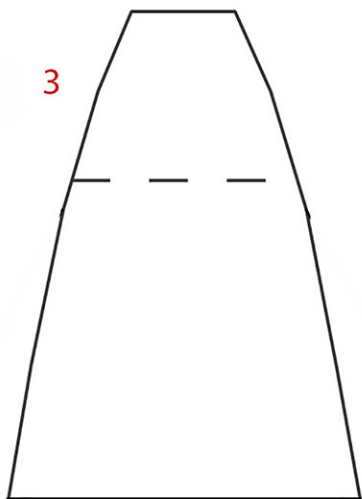
This "Compact Shuttle" paper model is not perfect for my designing skills are not as advanced as other paper model designers.

I hope you enjoy this unique "space shuttle" model.

1



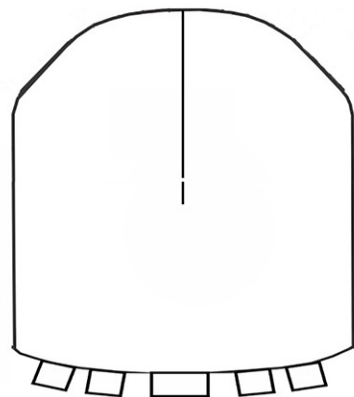
3



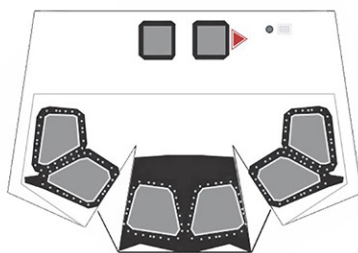
6



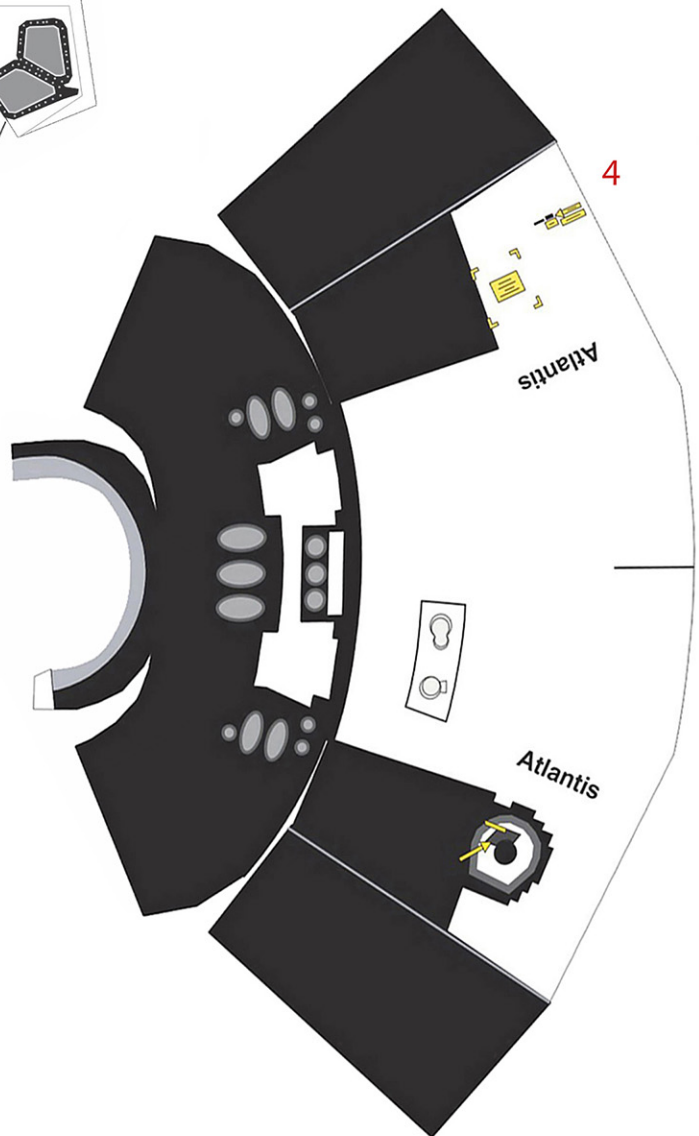
2



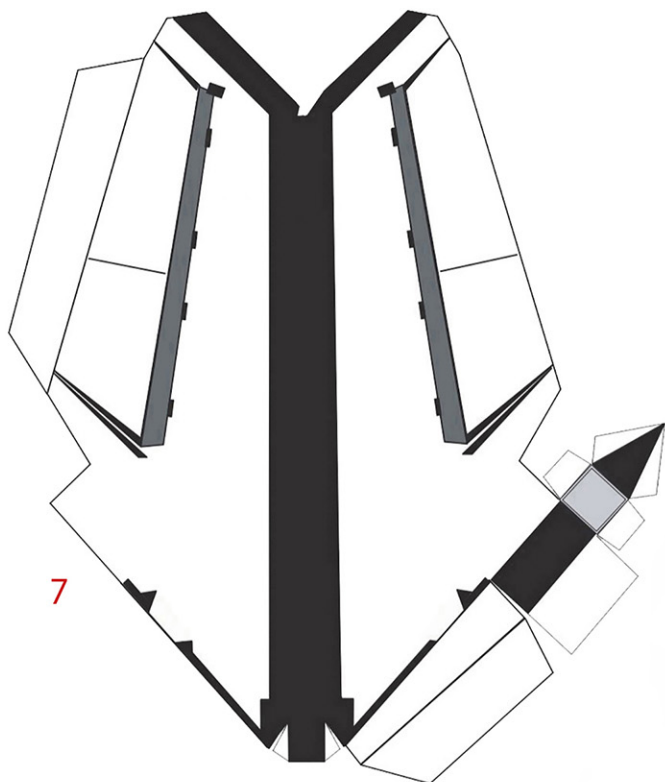
5

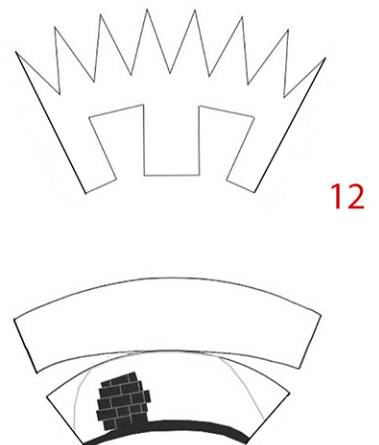
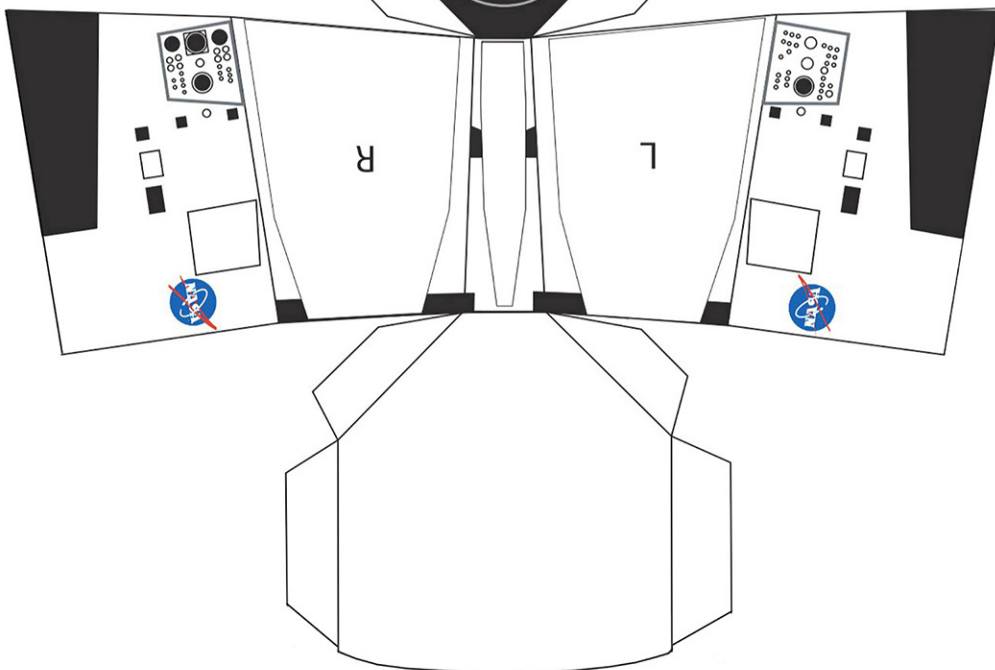
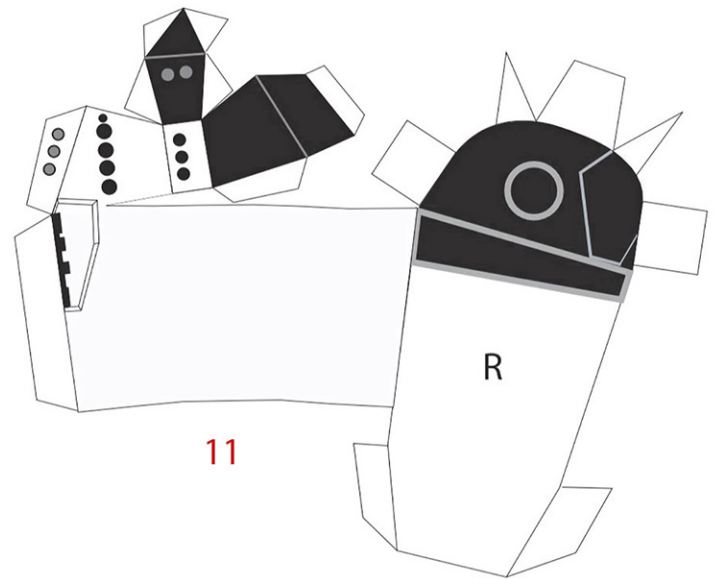
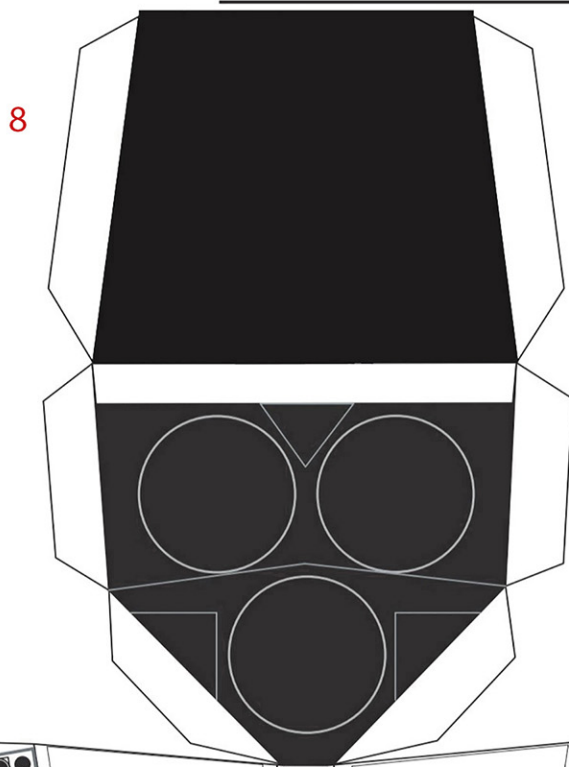
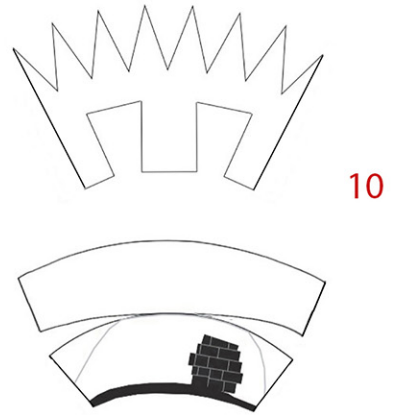
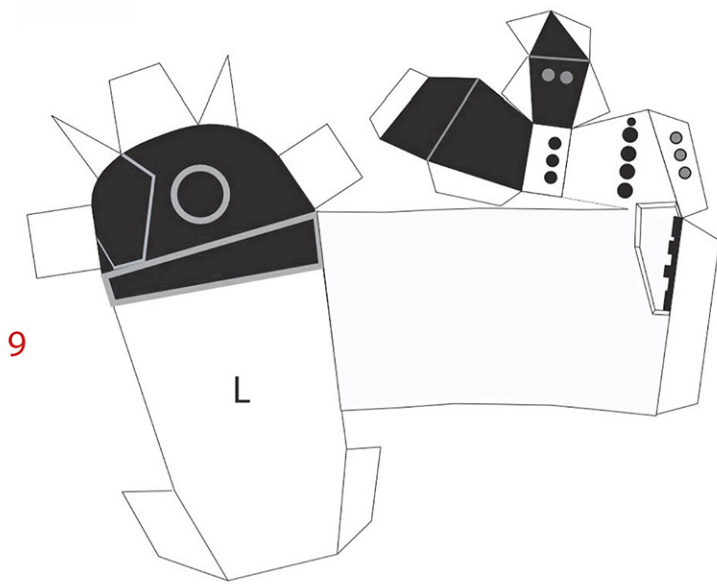


4



7



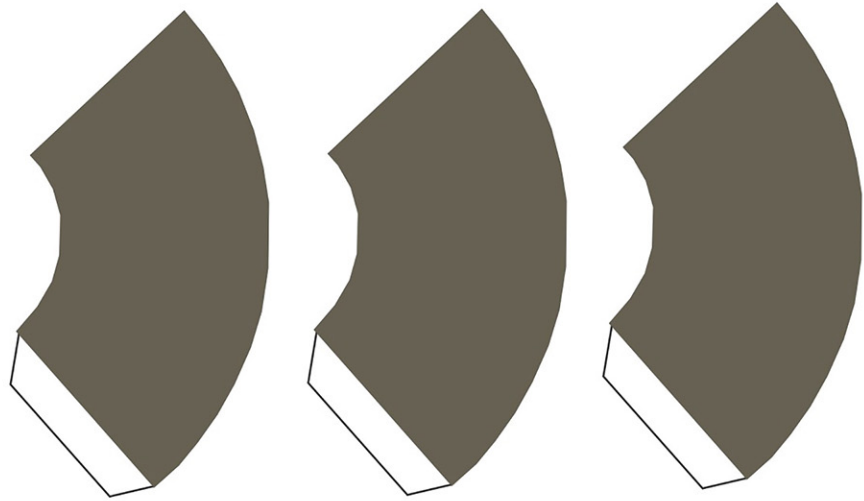


Space Shuttle Main Engines

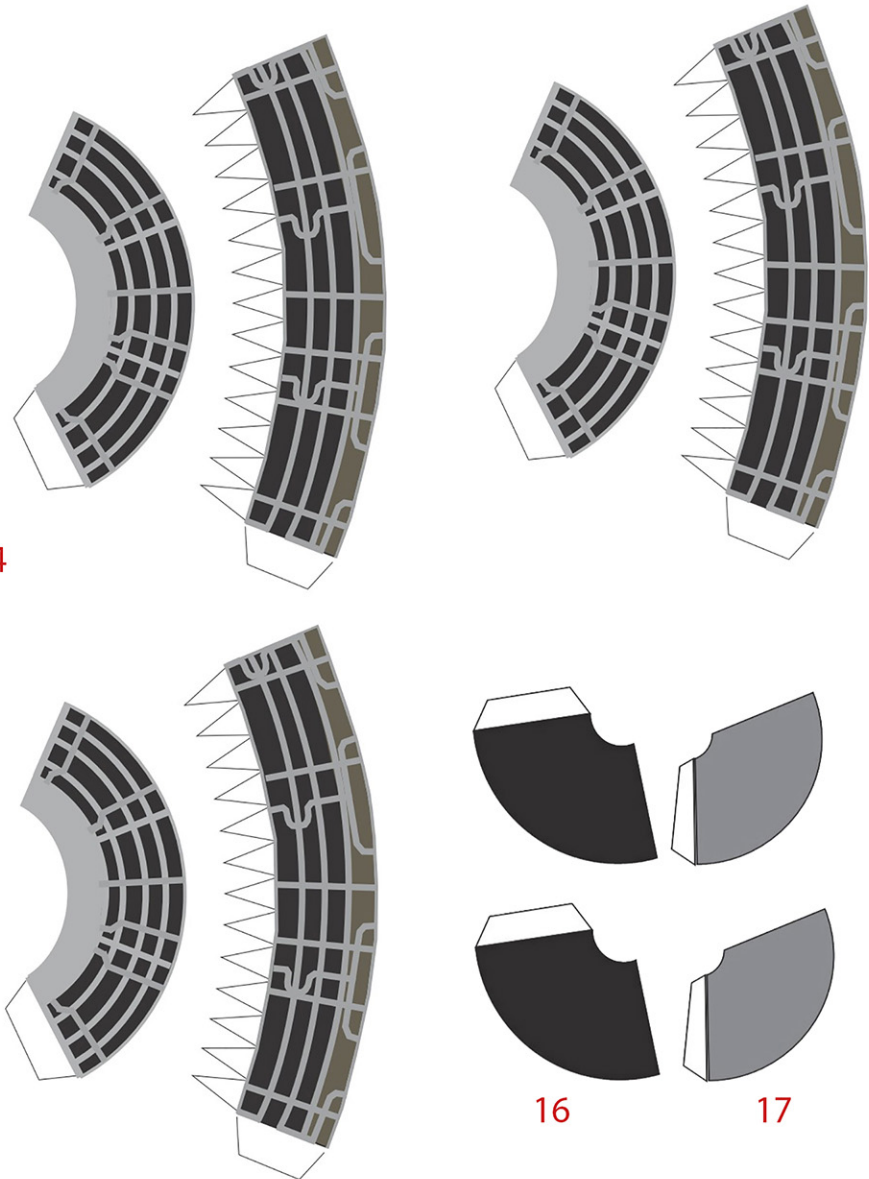
13



15

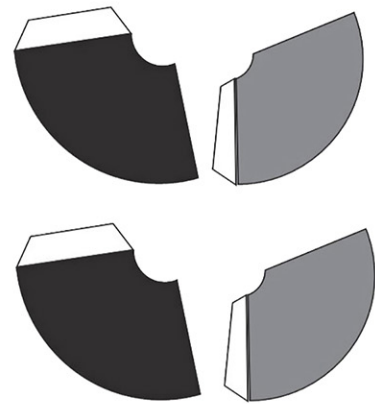


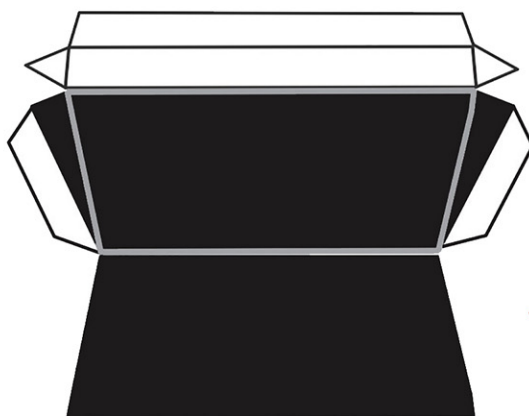
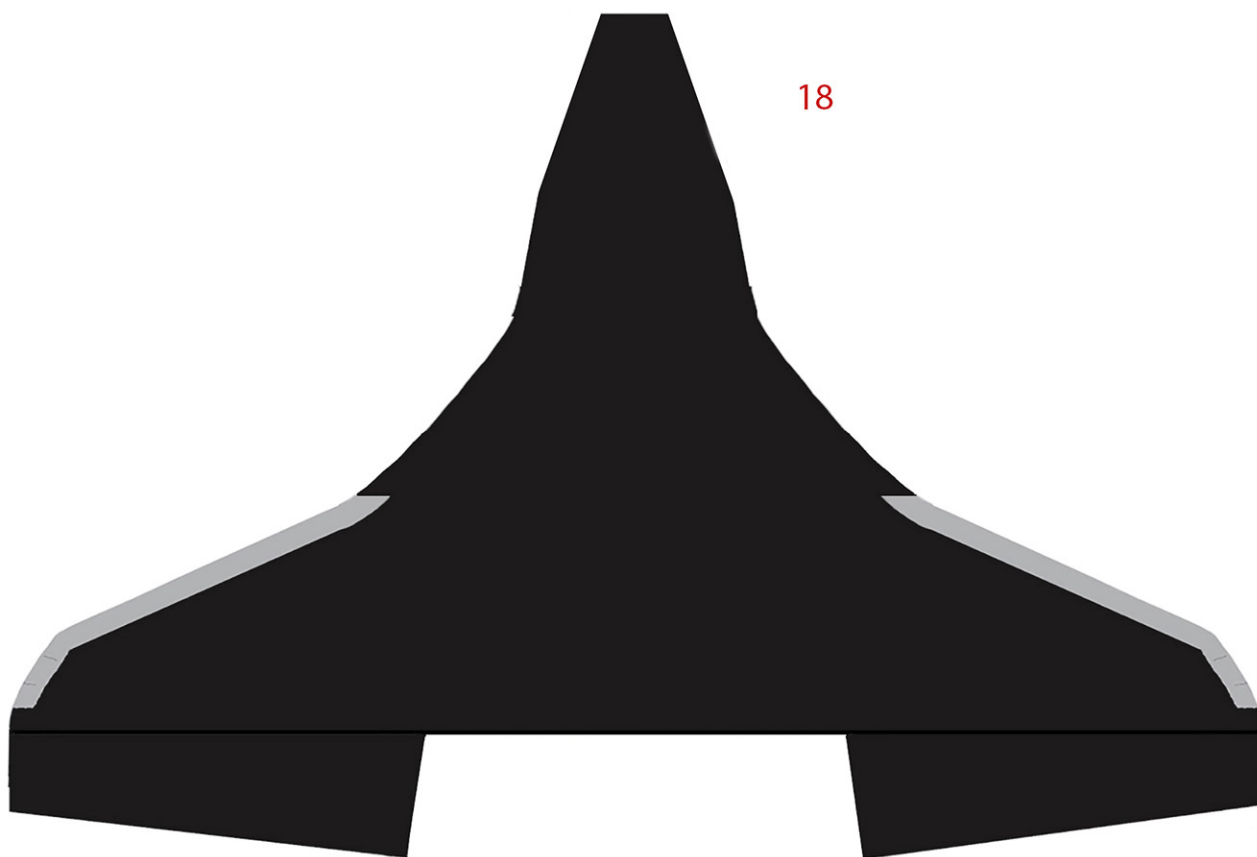
14

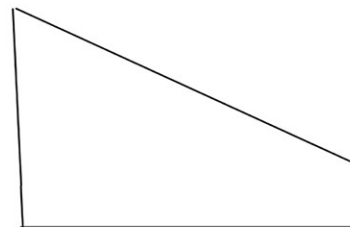
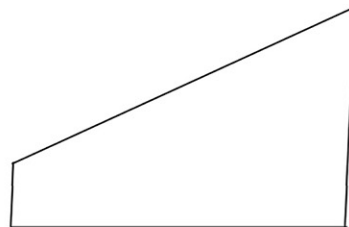
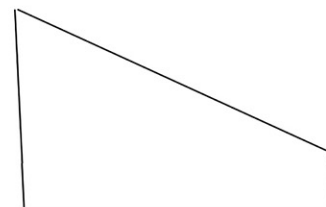
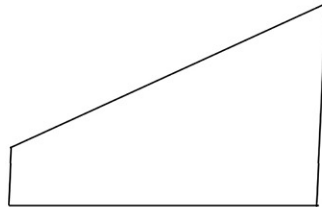
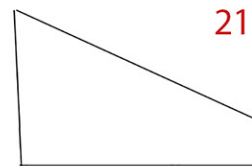
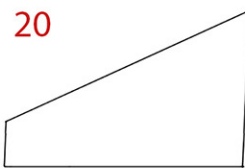
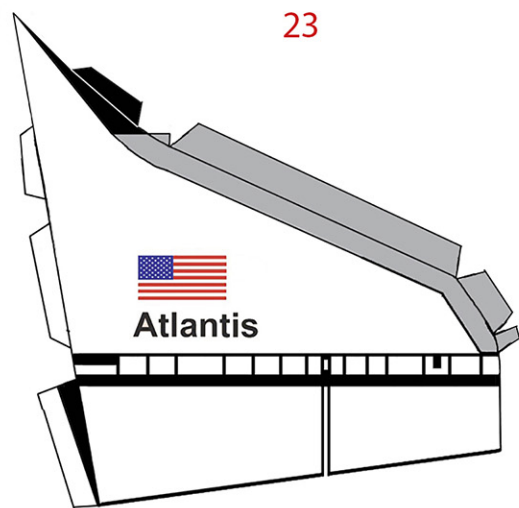
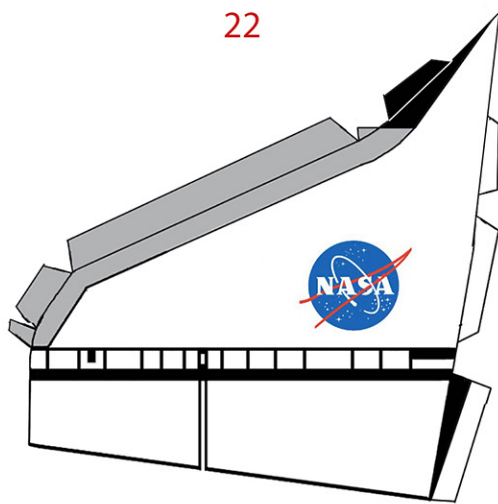


16

17







Left

Right

Wing supports

Glue the two largest supports to TWO LAYERS OF THICK CARDSTOCK.

Glue the two smaller supports to one layer of thick cardstock.

Glue each of these on top of each other, then onto the wing before gluing 22 and 23 to complete the wing assembly.