

# Lego Eucadian Warkawk

by Joe Bergmans

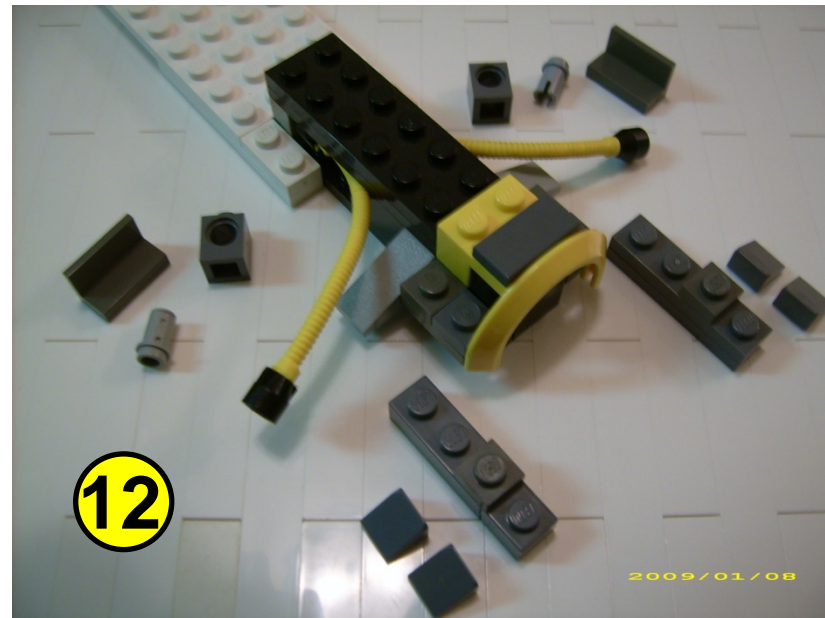
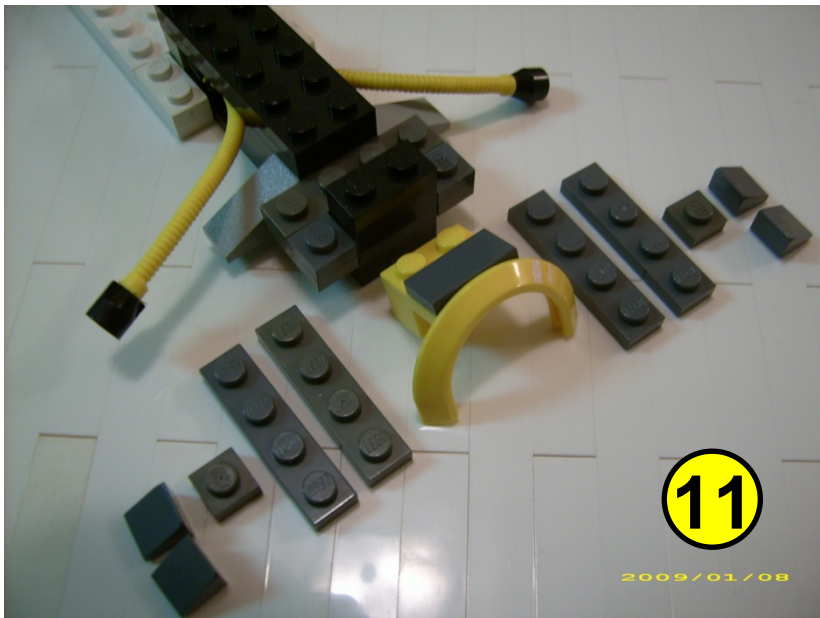


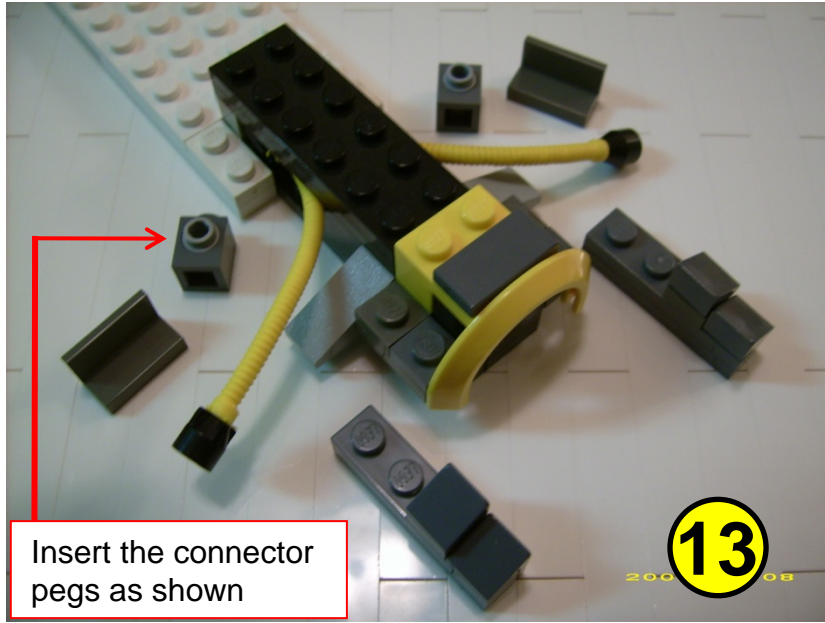
## Building Instructions

Please see the *Afterward* at the end of this document for important resource links

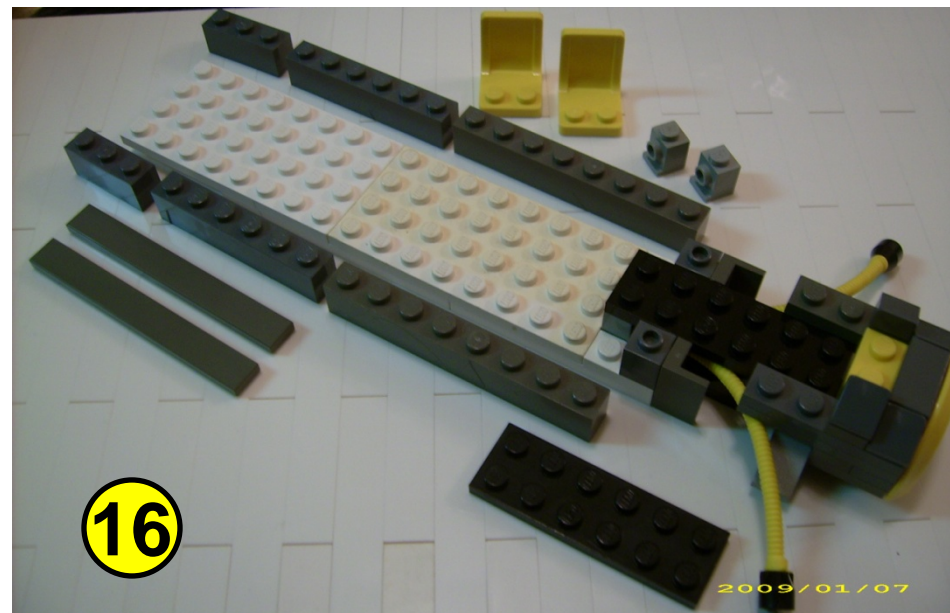
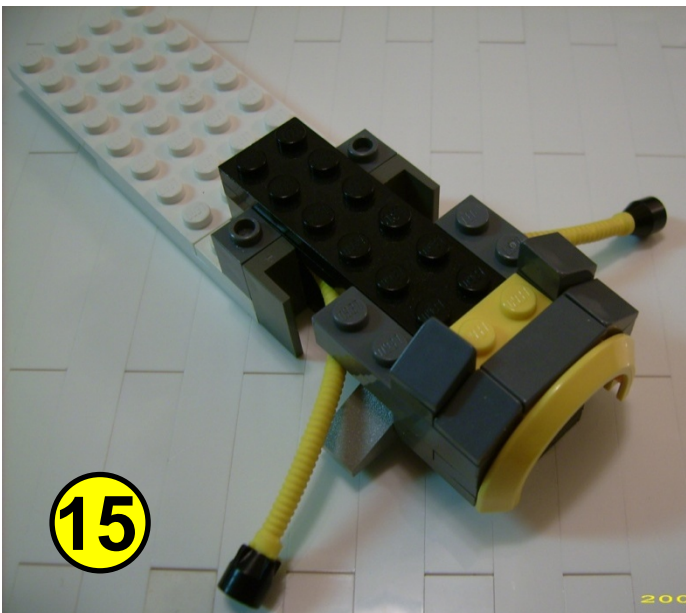
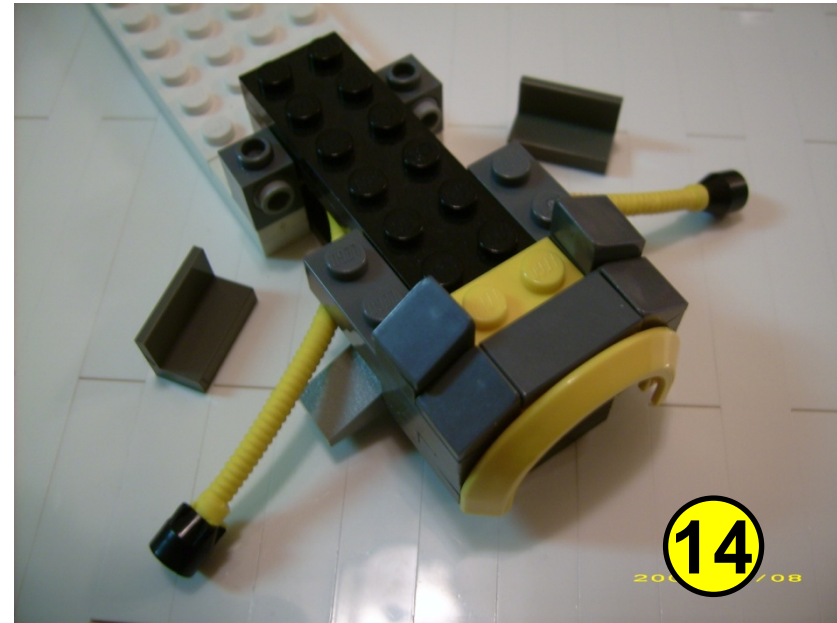


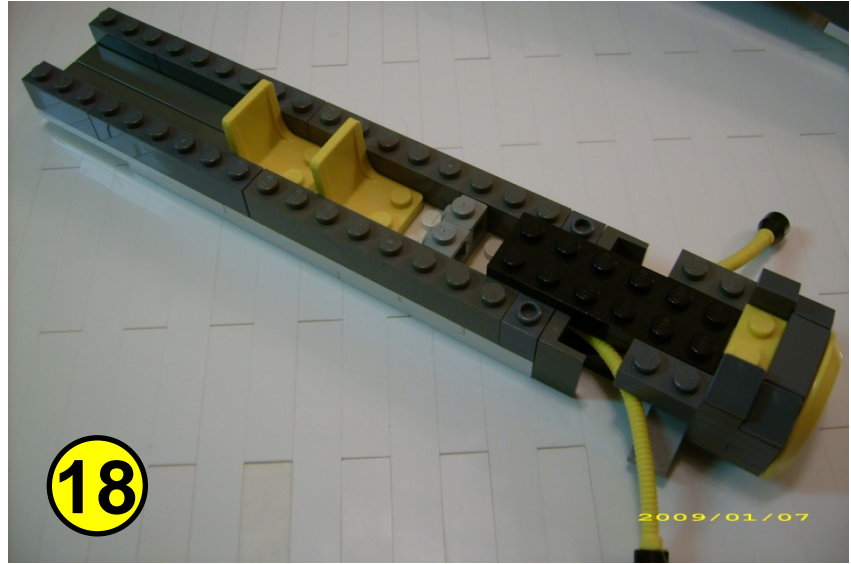
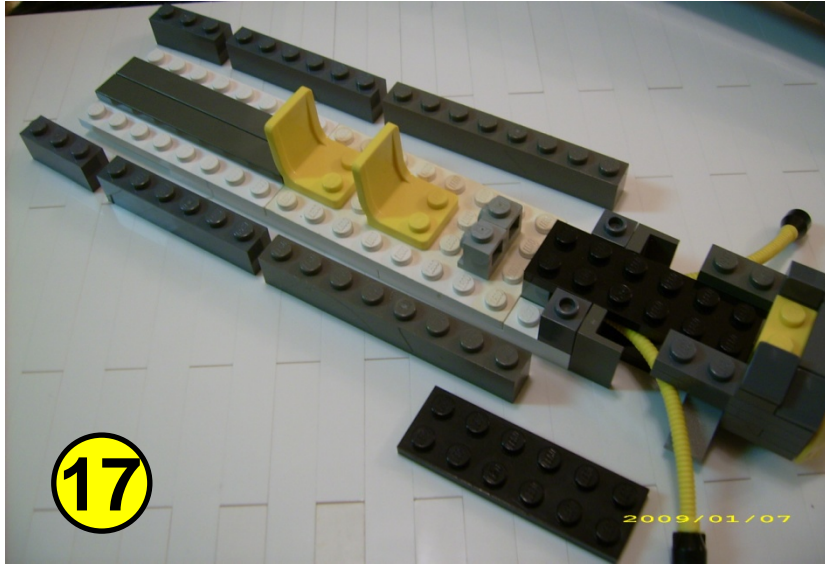






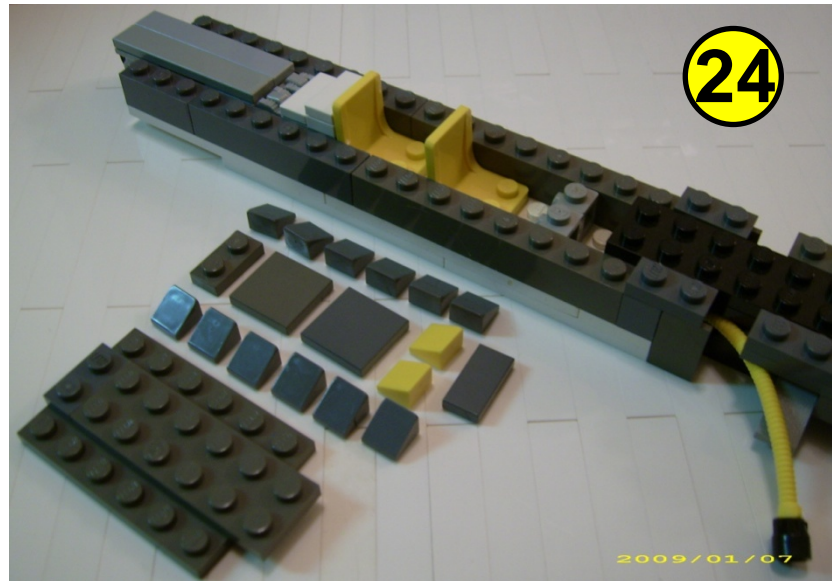
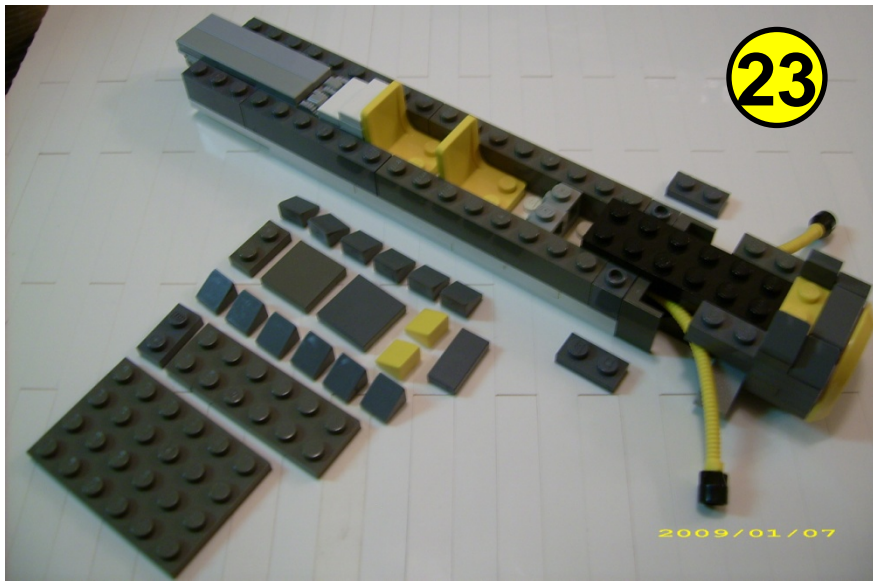
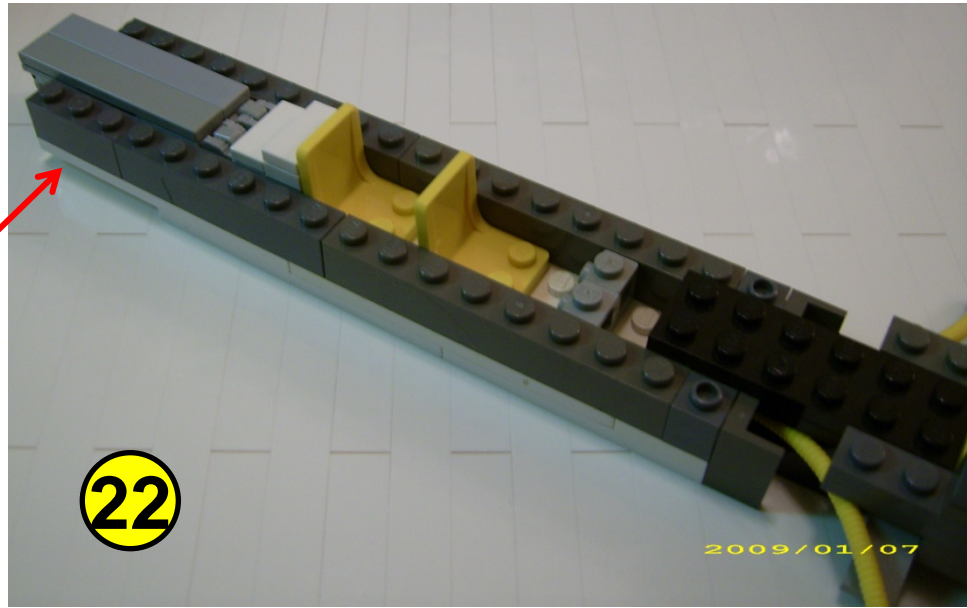
Insert the connector  
pegs as shown

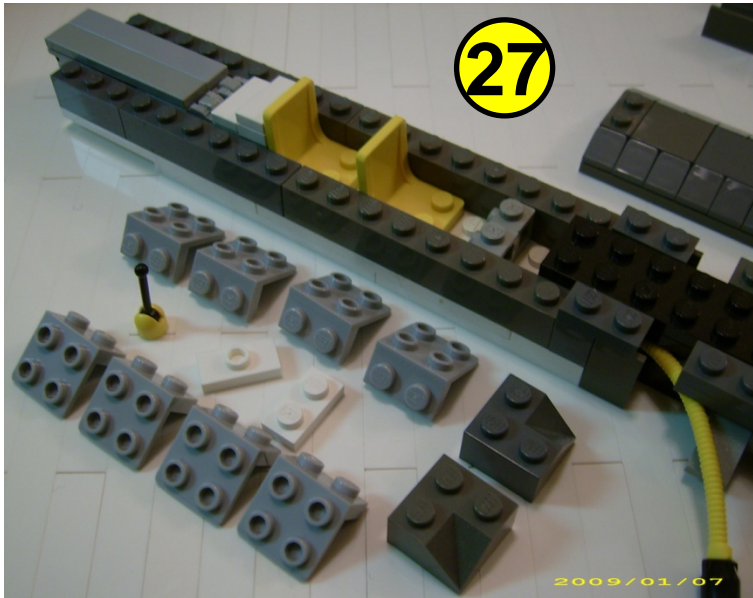
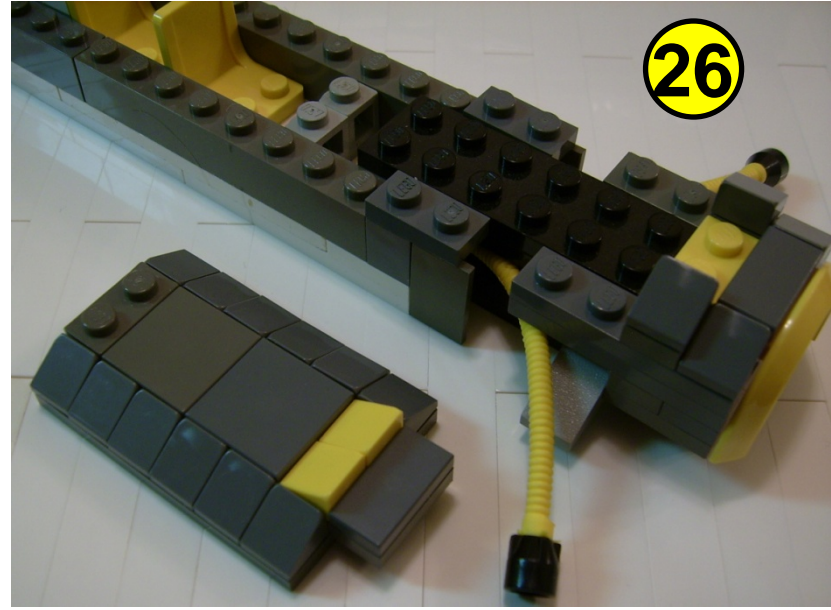
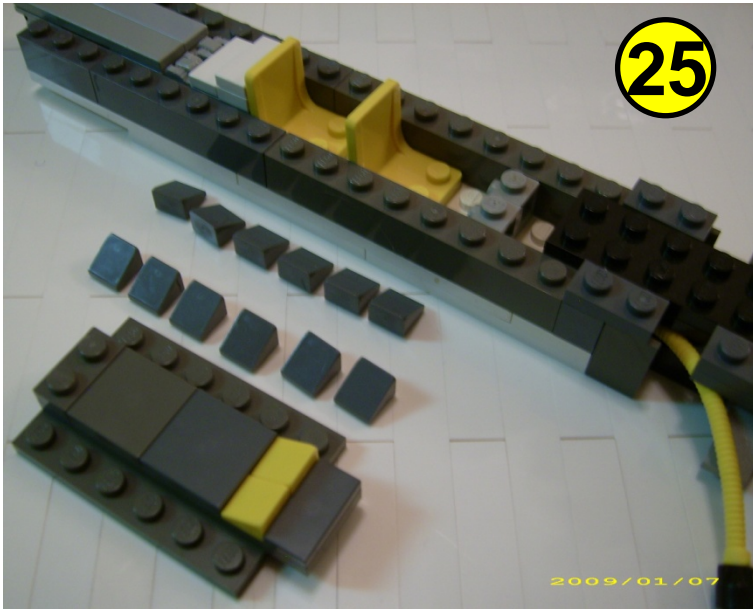


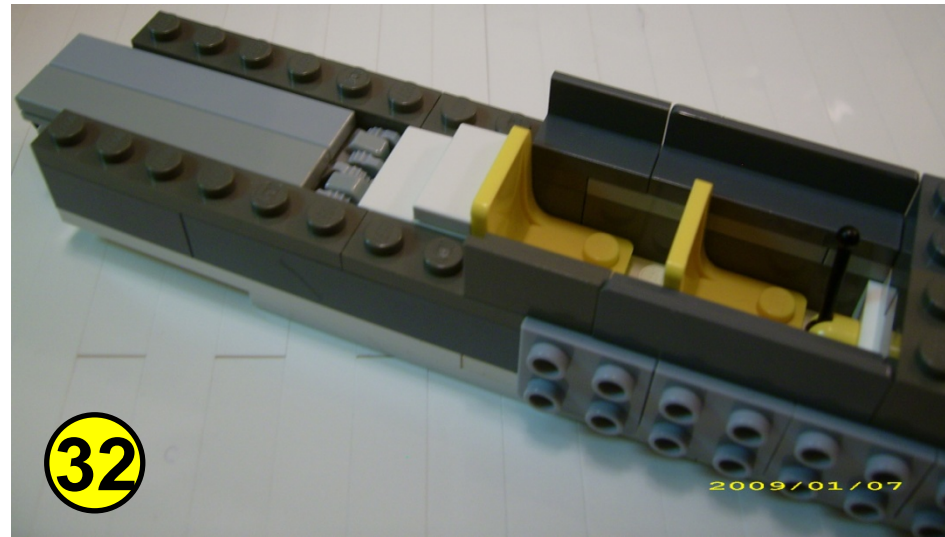
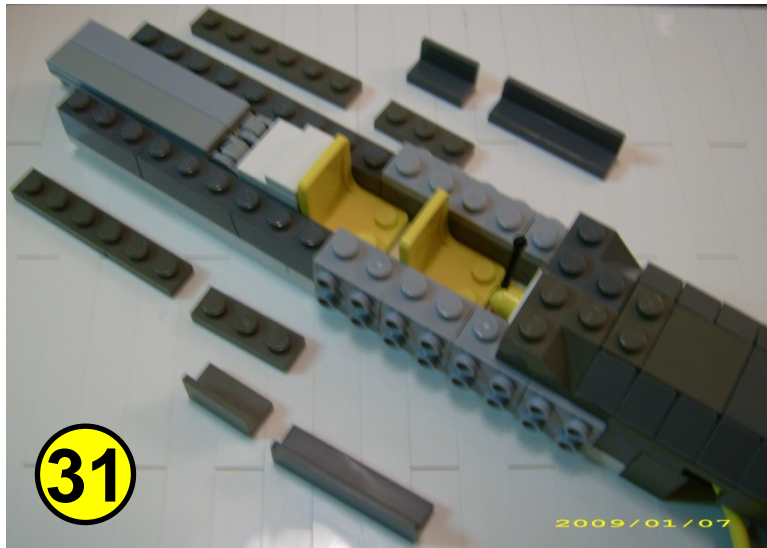
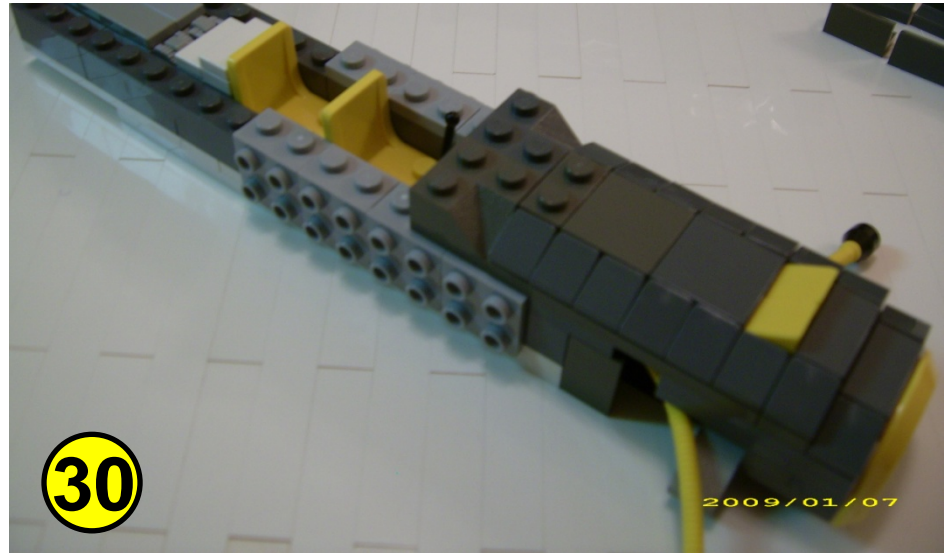
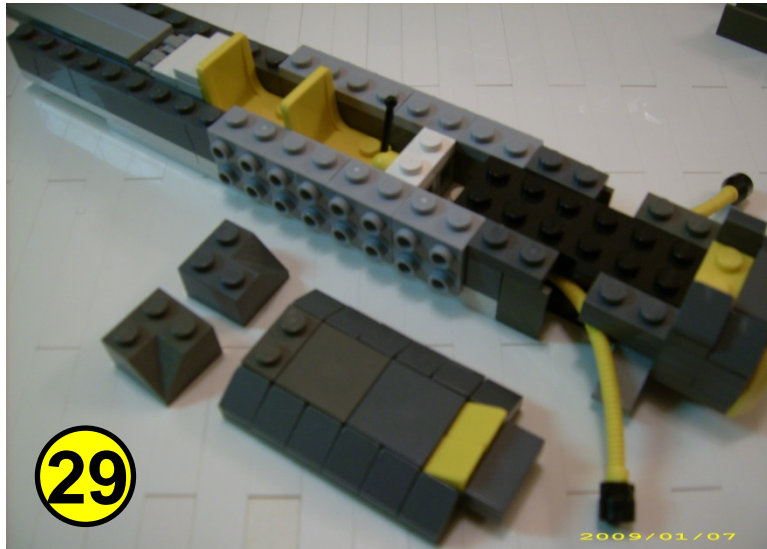


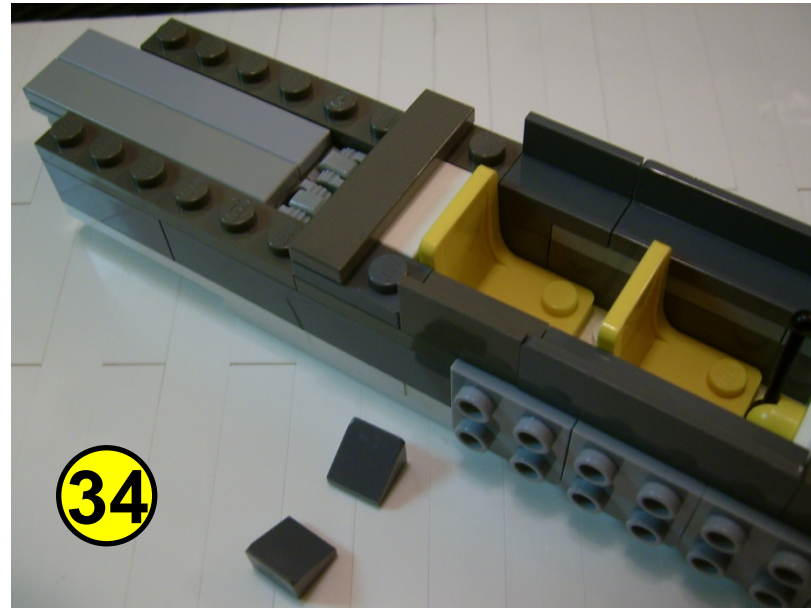
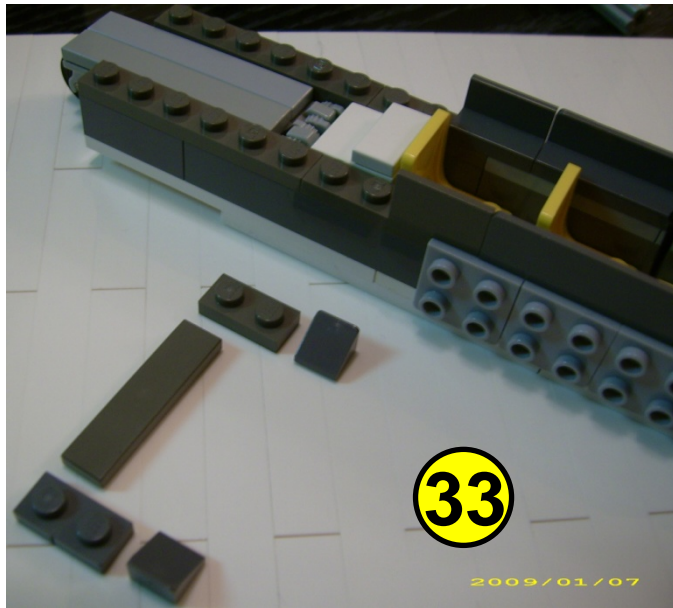


Complete the rear landing gear and install as shown

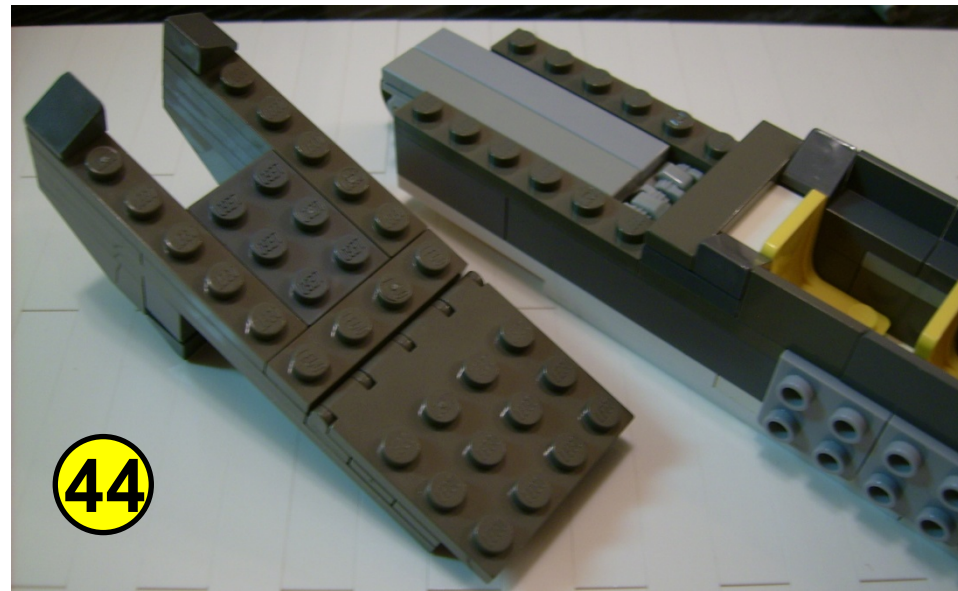
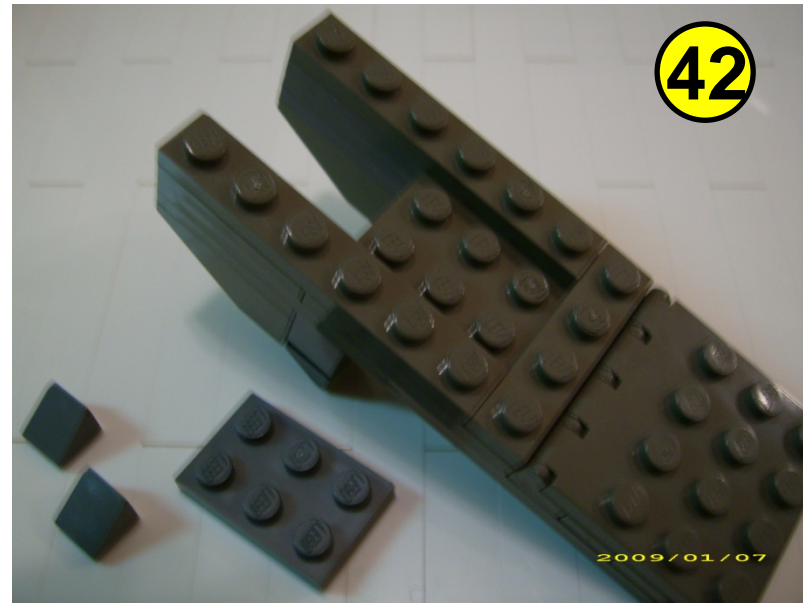


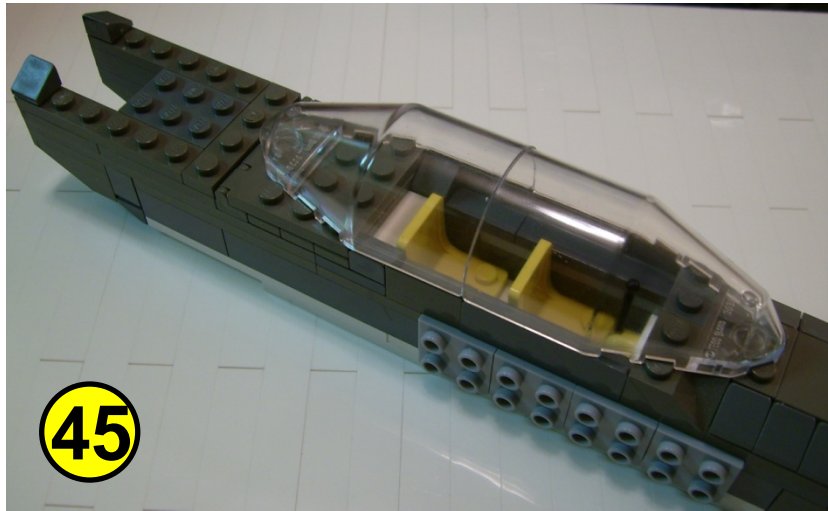




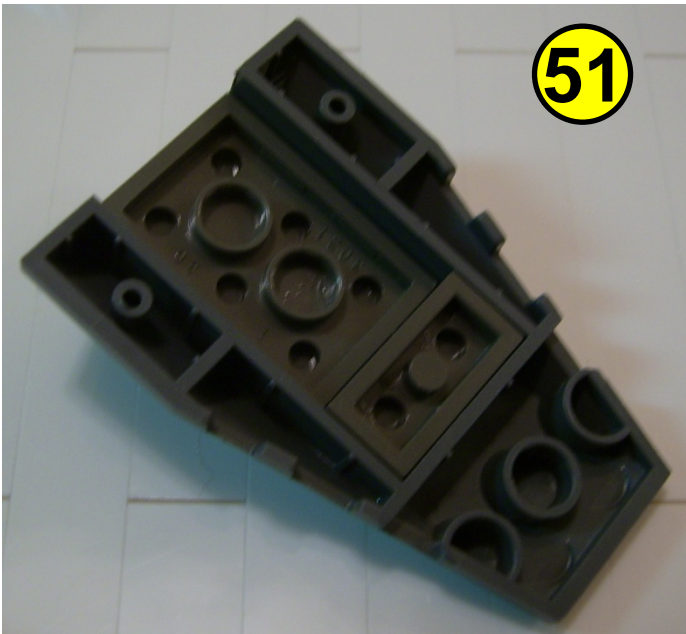
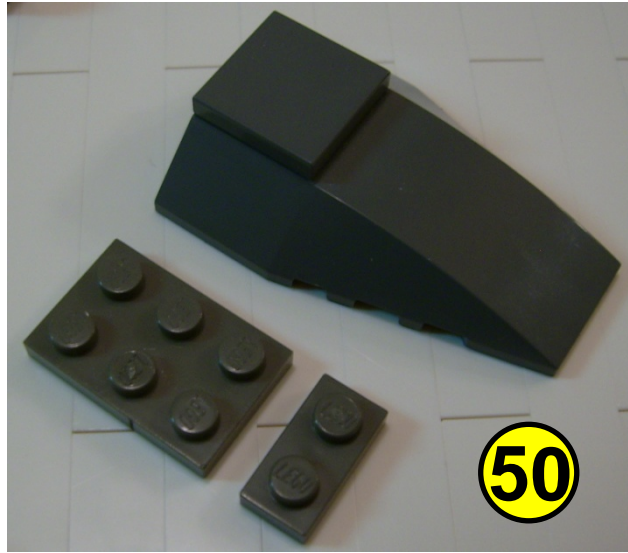


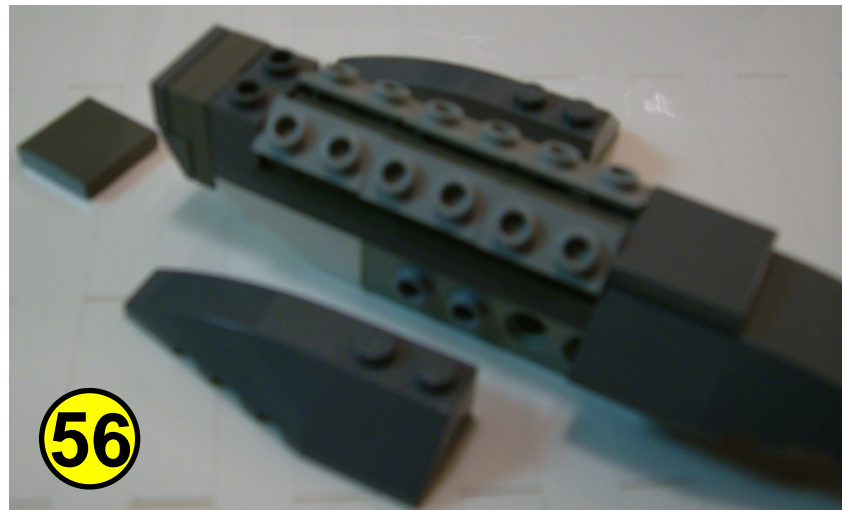
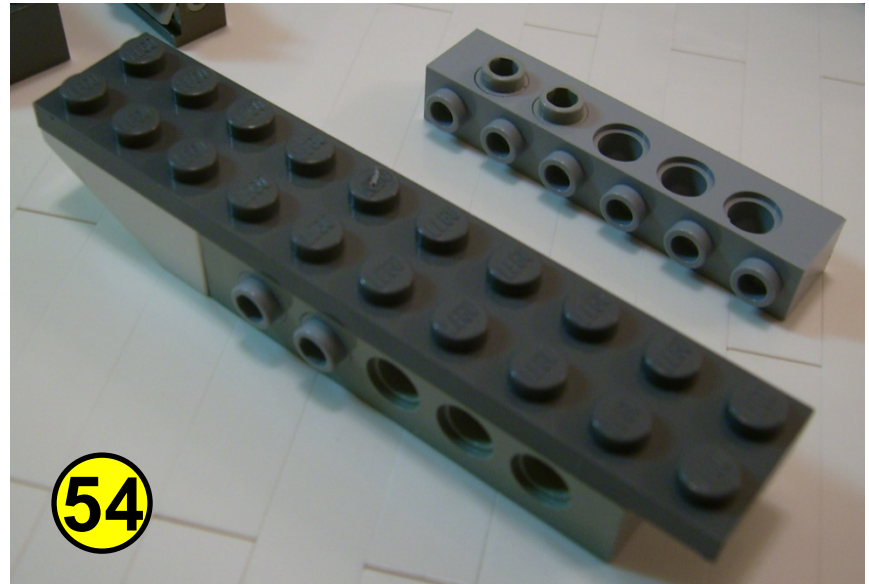


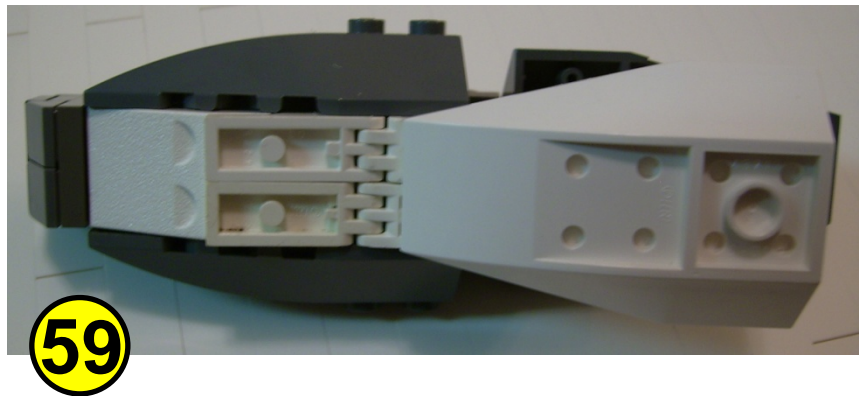
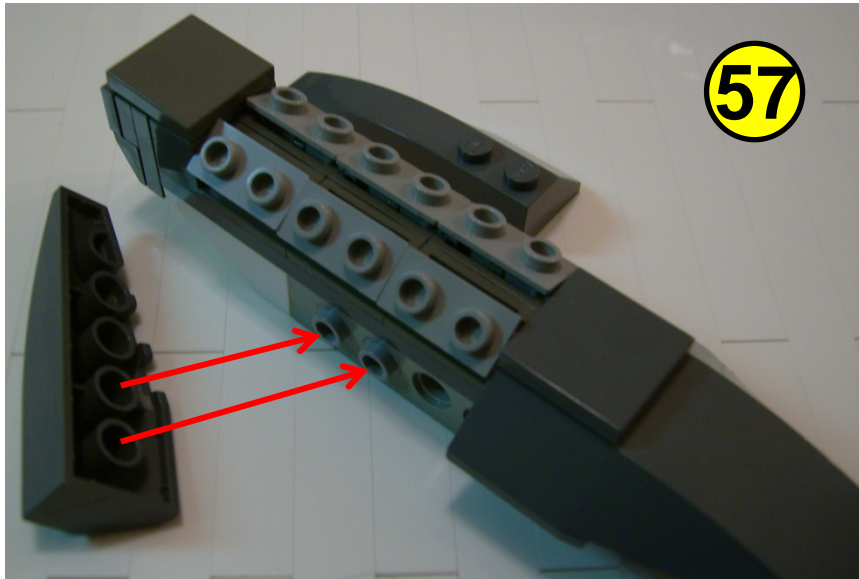


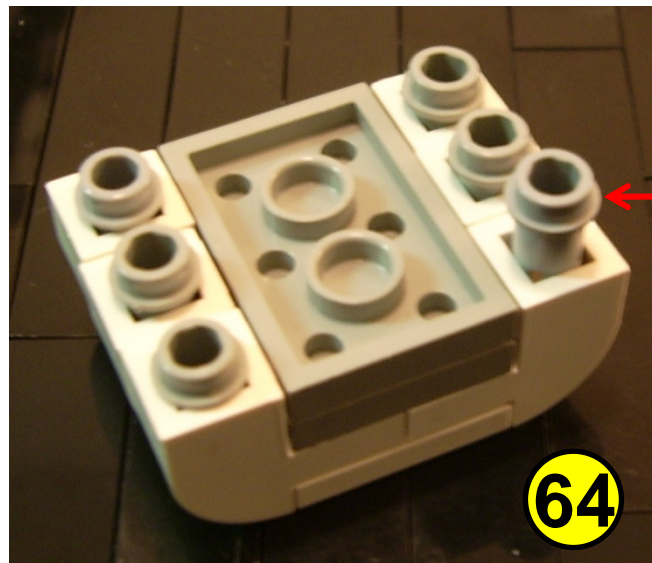
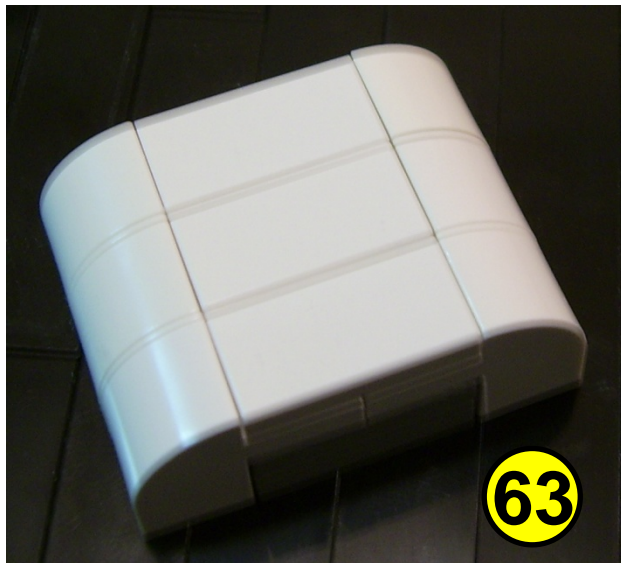
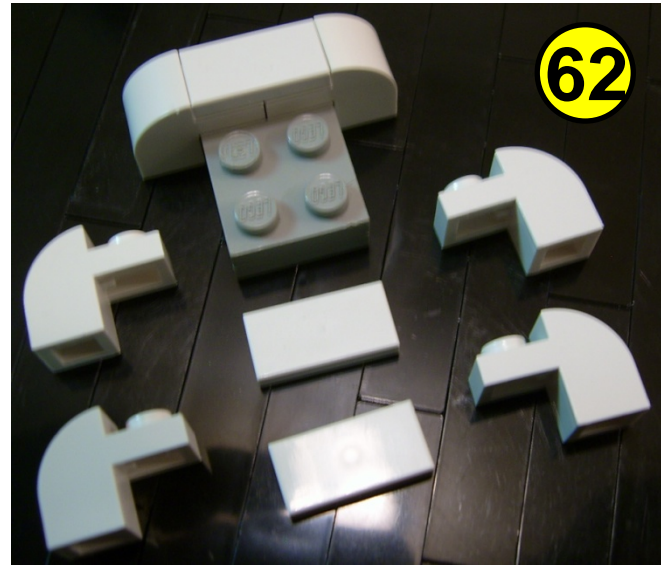
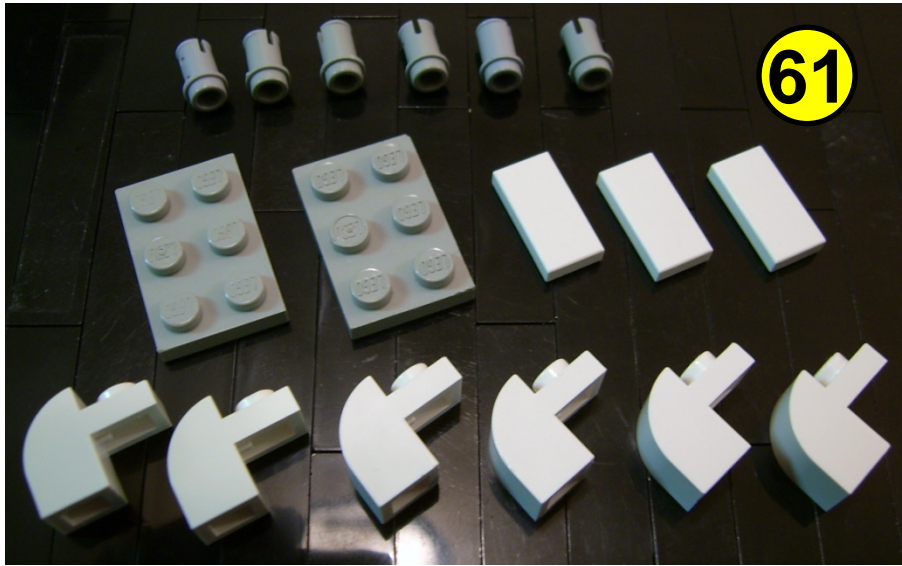


Insert the connector pegs as shown

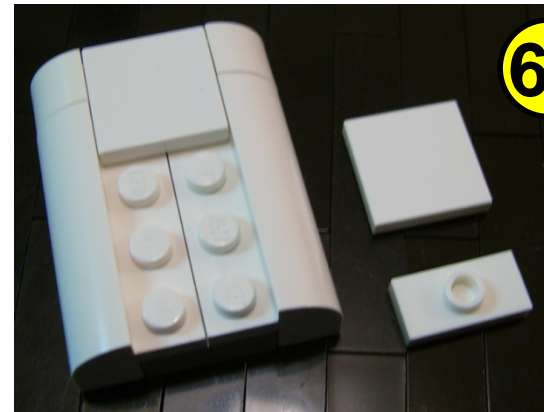
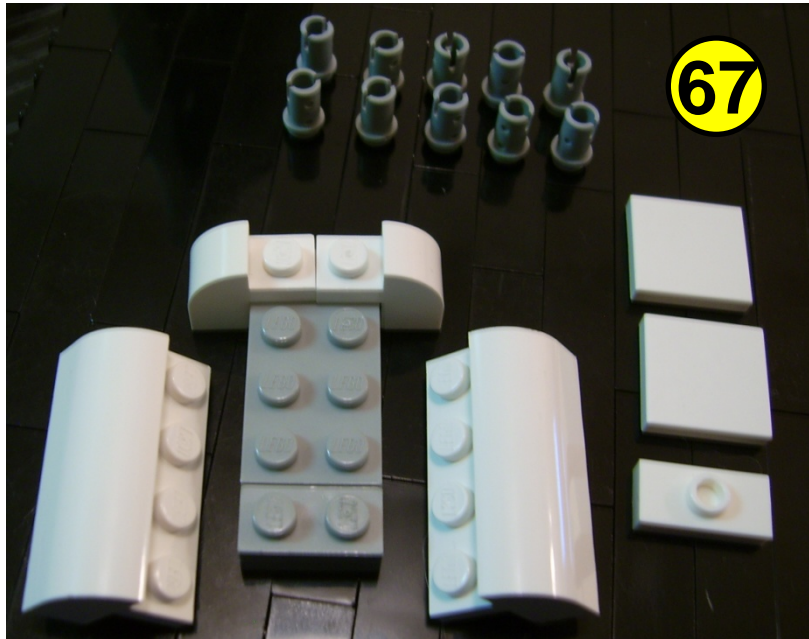
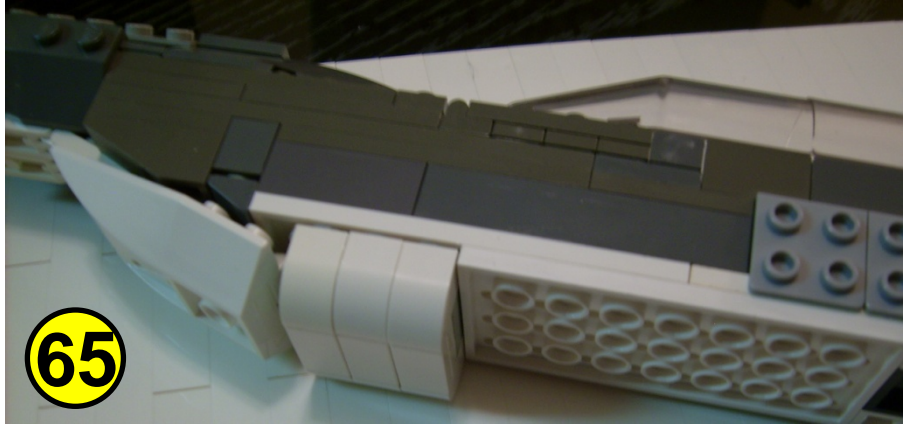


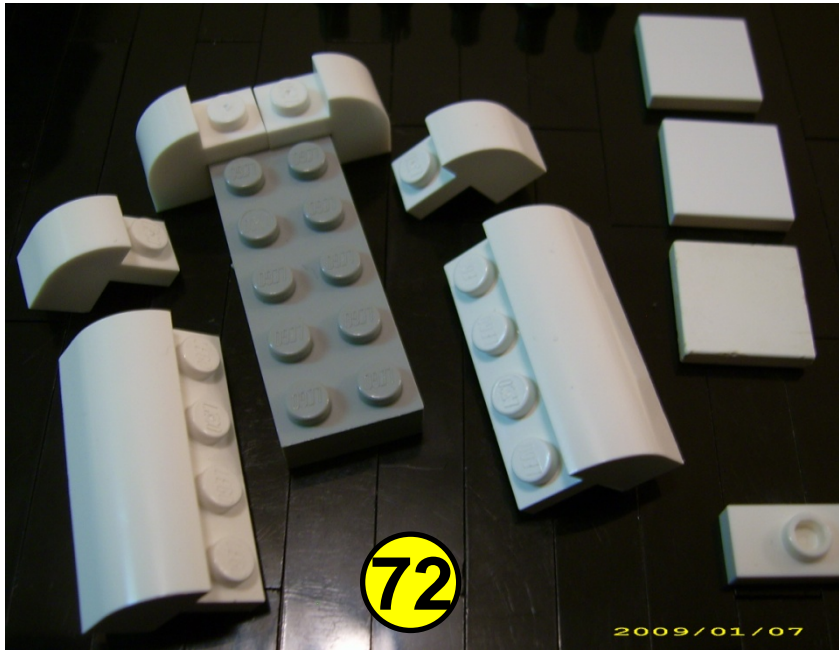
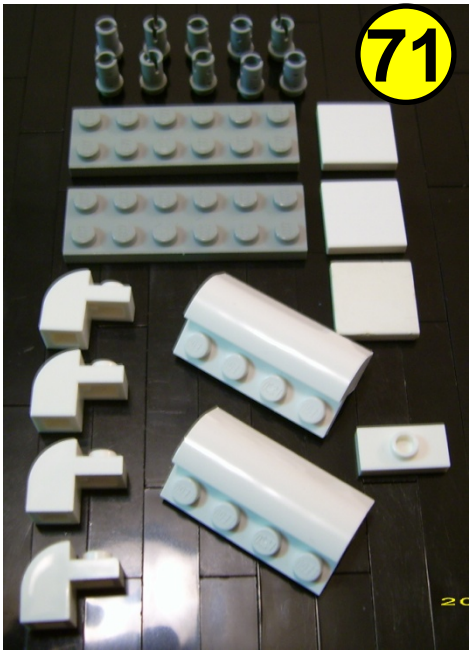
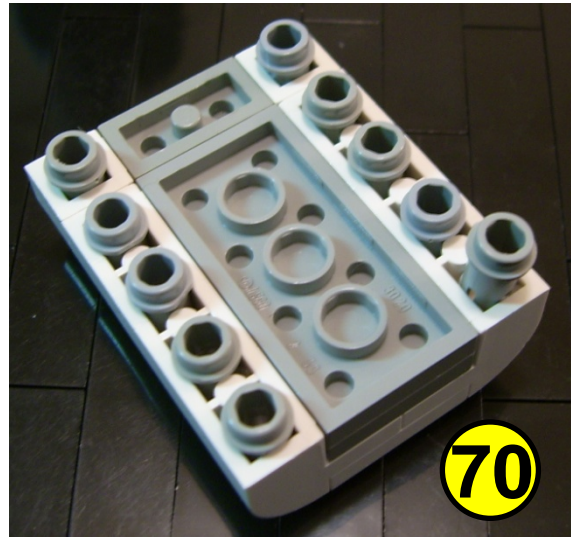


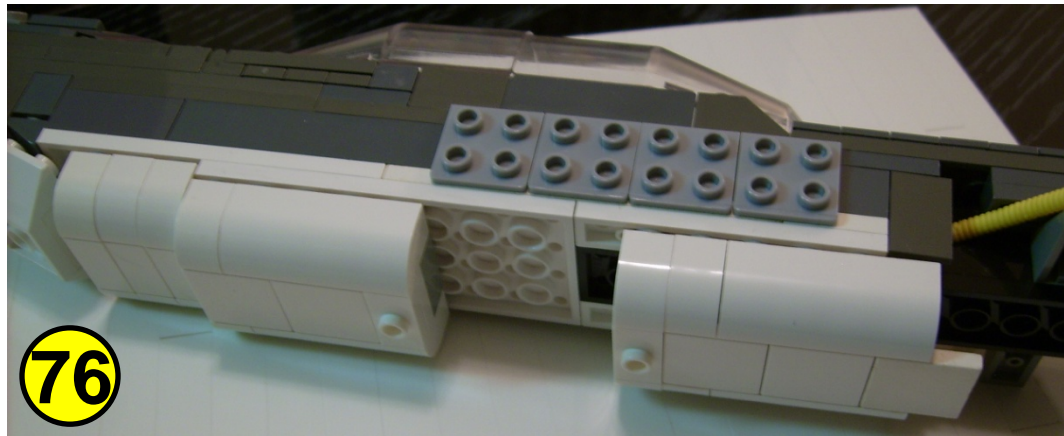
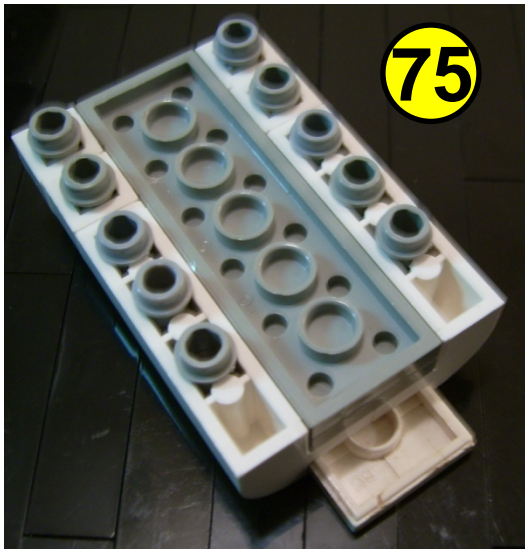


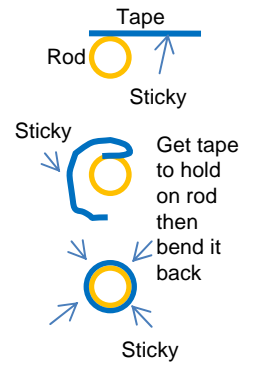
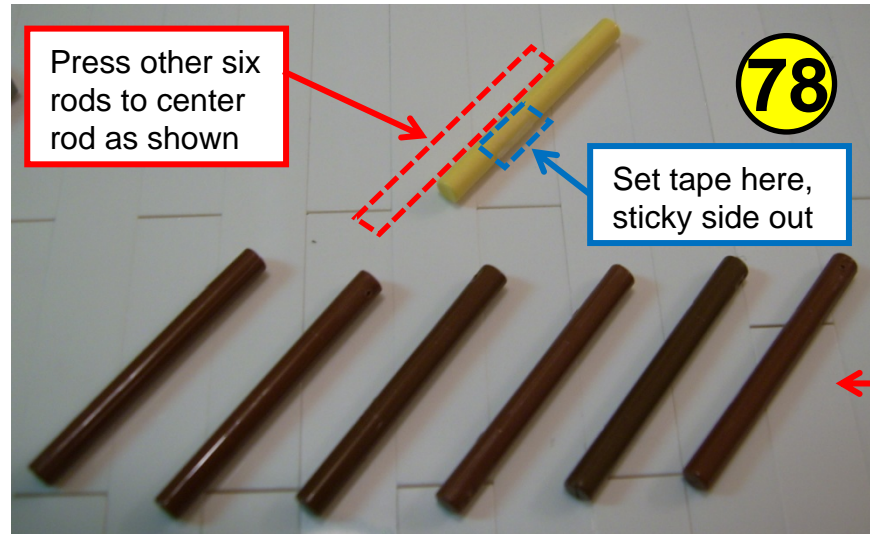
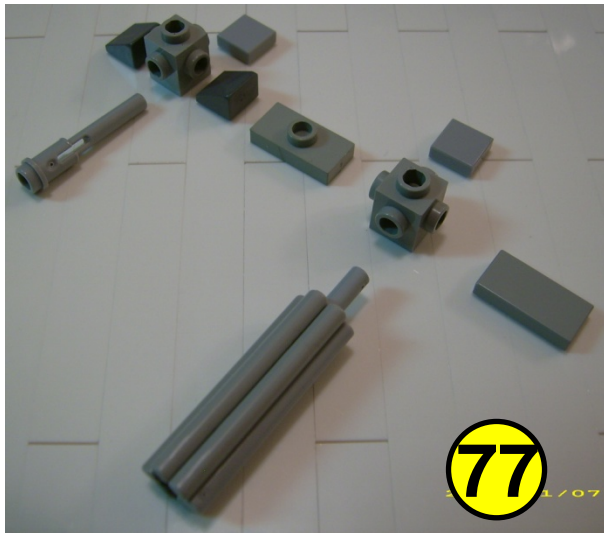


Insert the connector pins as shown









*Gatling Gun Assembly:*  
 Start with small piece of tape that is  $\frac{1}{4}$ " by  $\frac{1}{2}$ ", wrap this around center rod and then press other six rods against the center rod

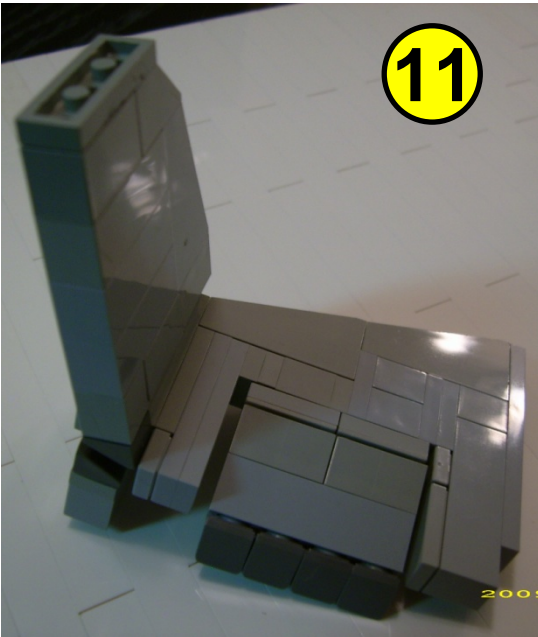
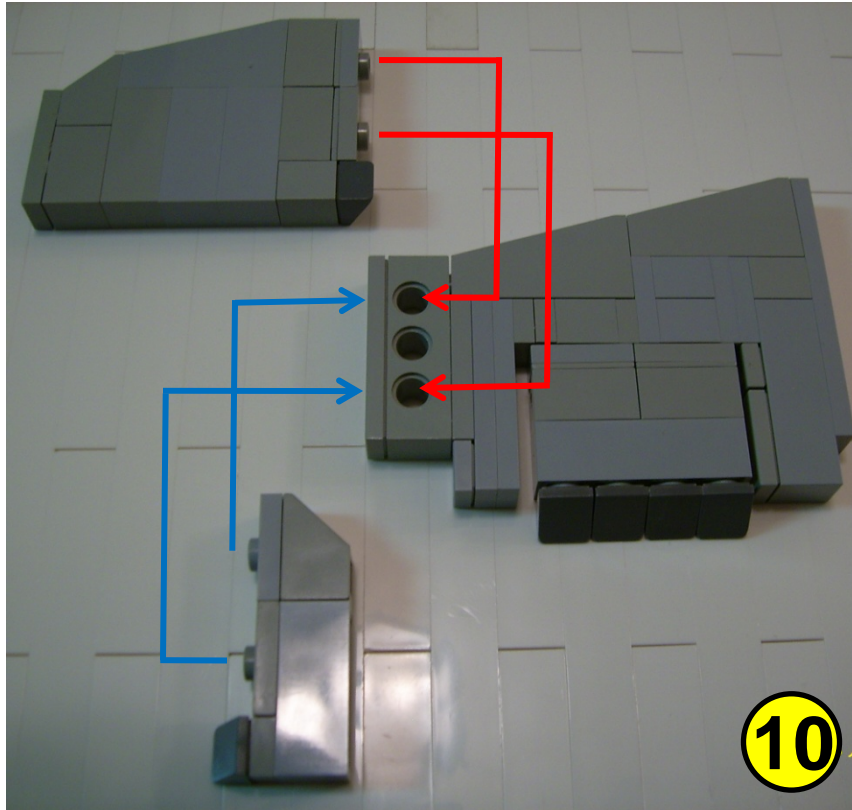
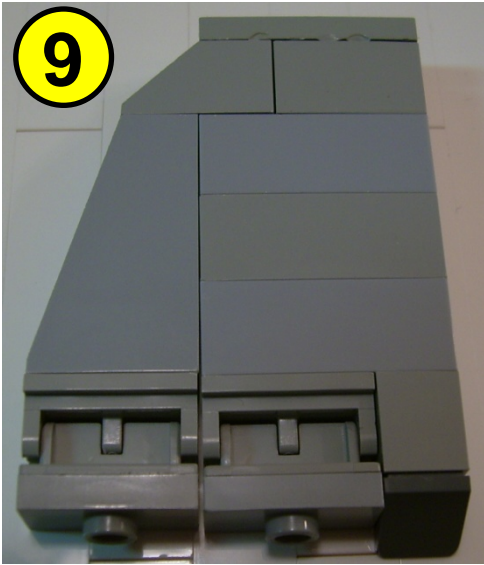


**The fuselage  
(main body) is  
done, you've  
earned a break!**

**Next, the left rear wing and the right main wing will be shown. Please gather the parts shown in the respective steps that follow to create a mirror image for the rear and main wings. Only one side of each wing type is shown to save space.**





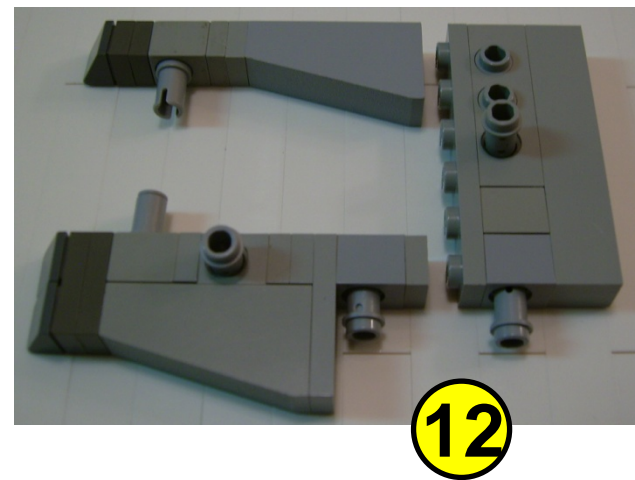
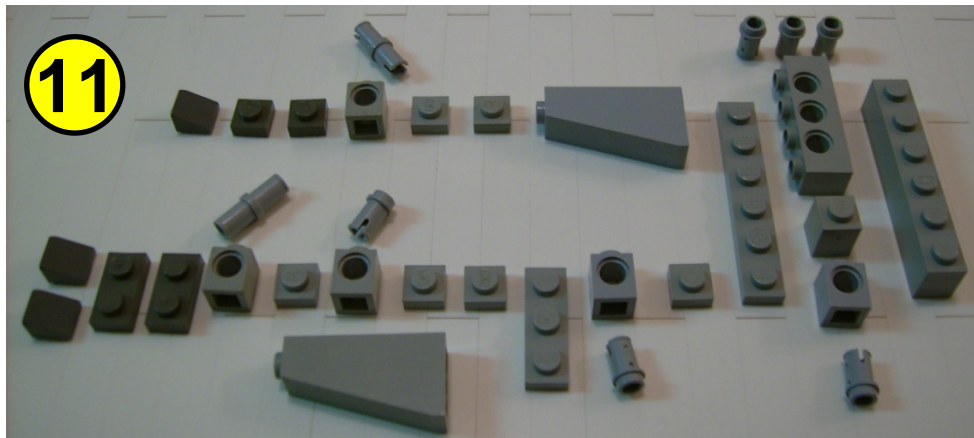
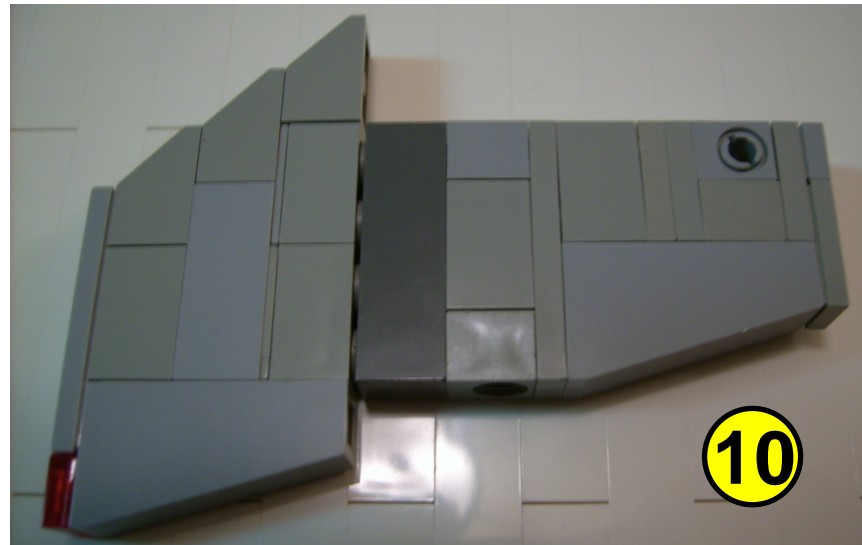


Bend the upper wing section slightly away from the center

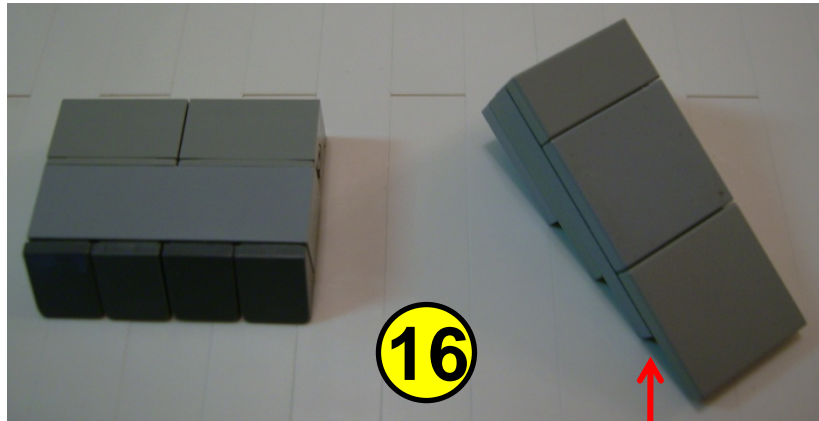
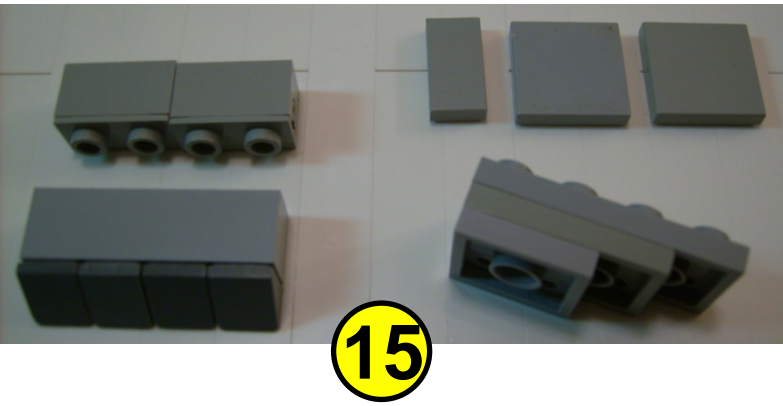
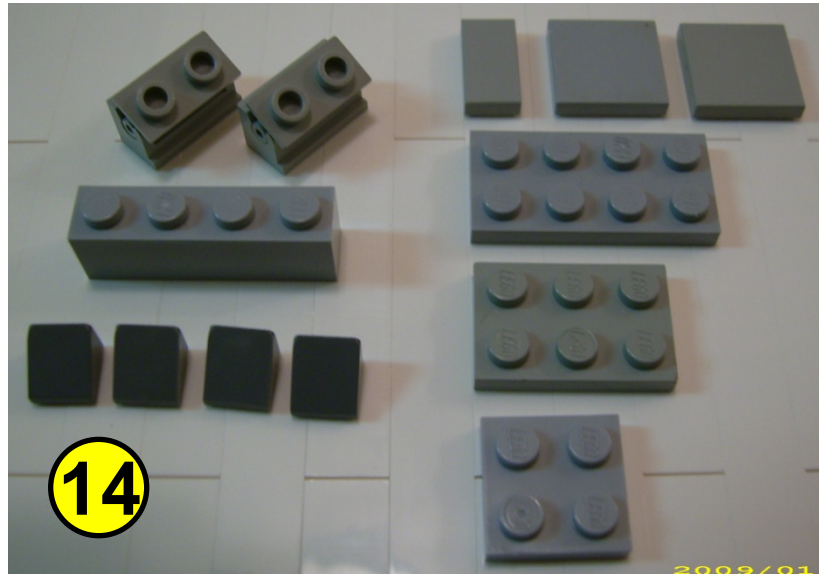
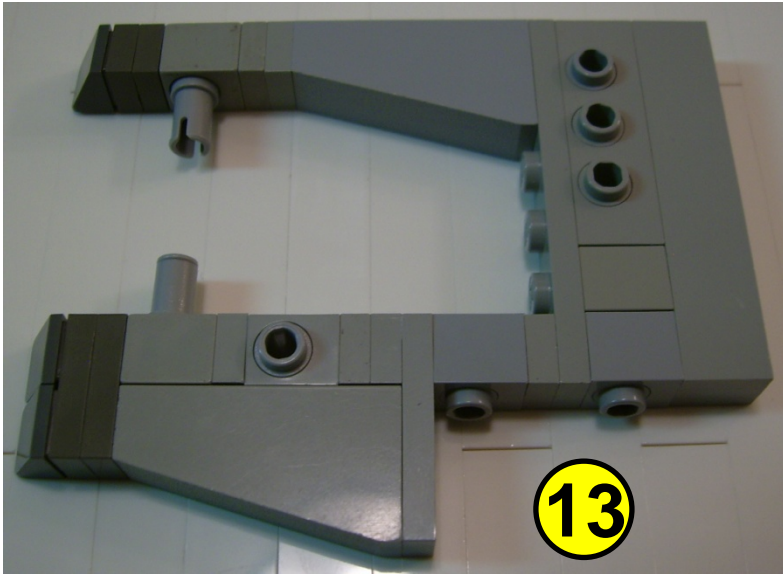
**Be sure to finish the right side rear wing**





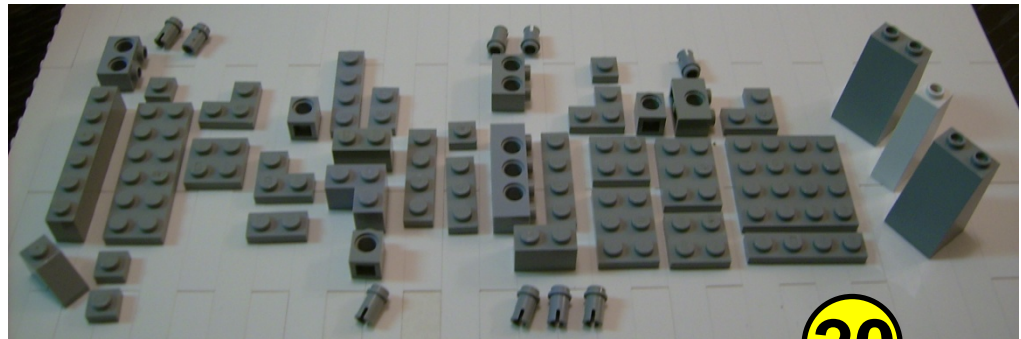
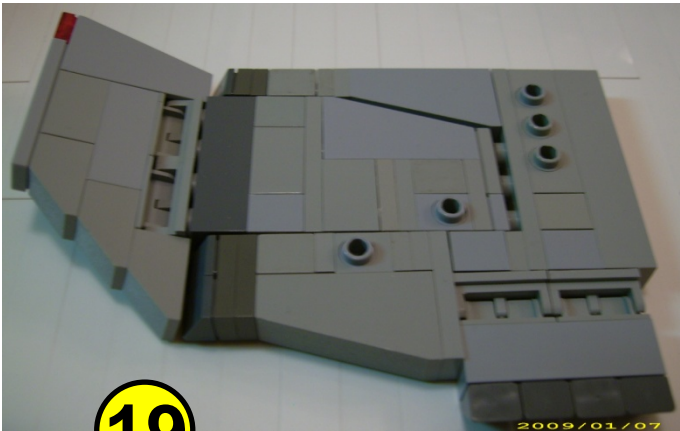
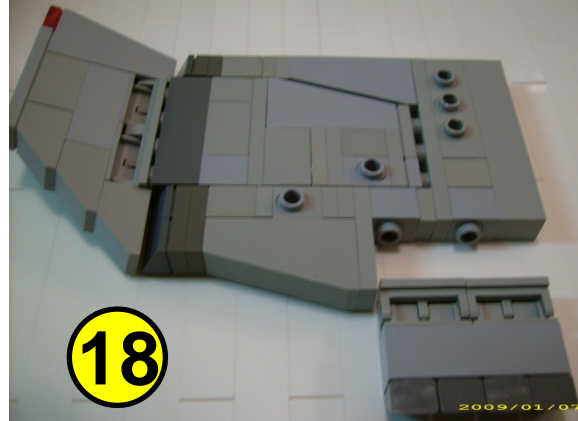
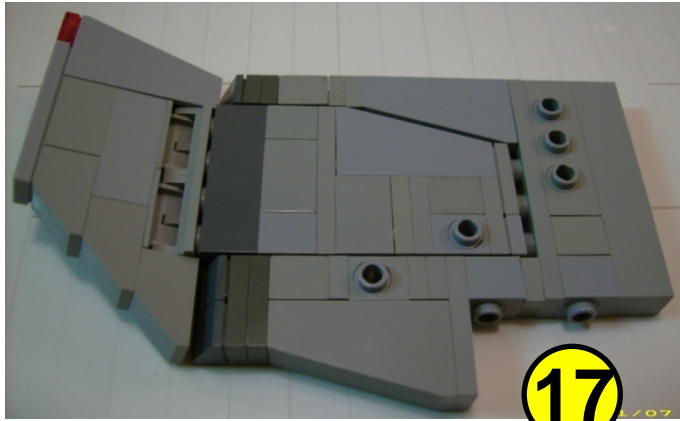


Middle Wing Section

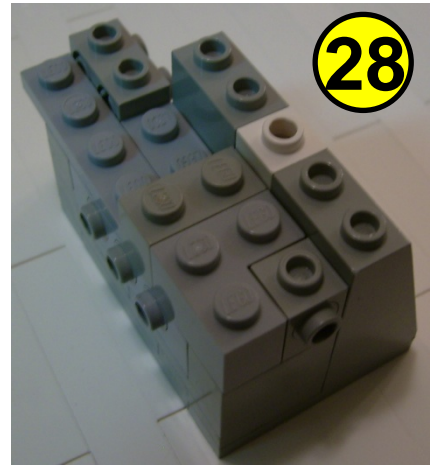
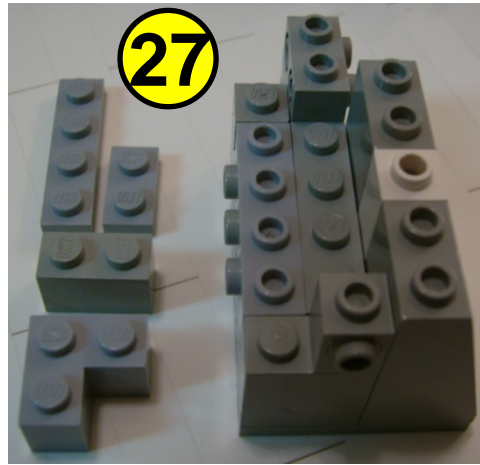
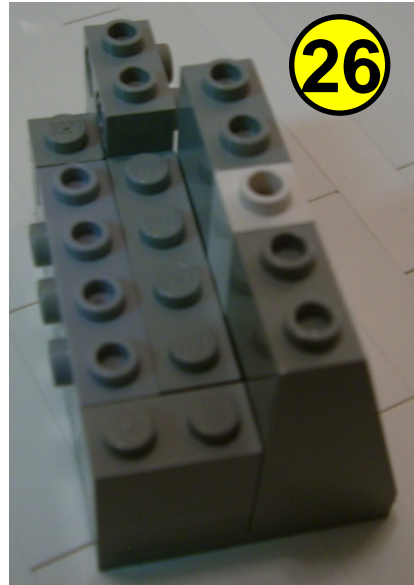
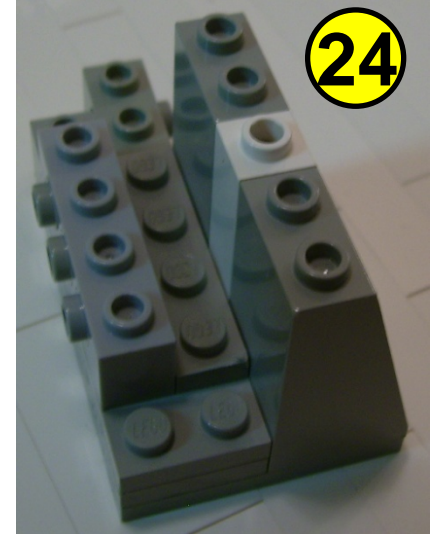
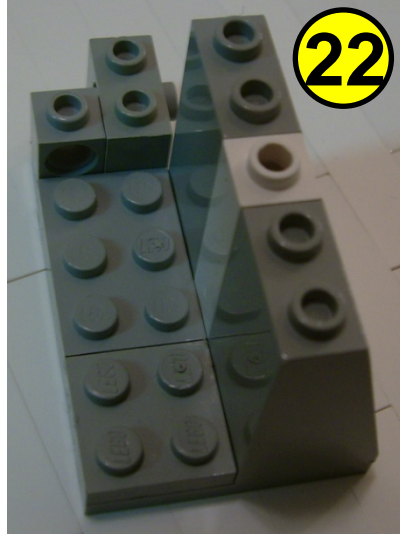
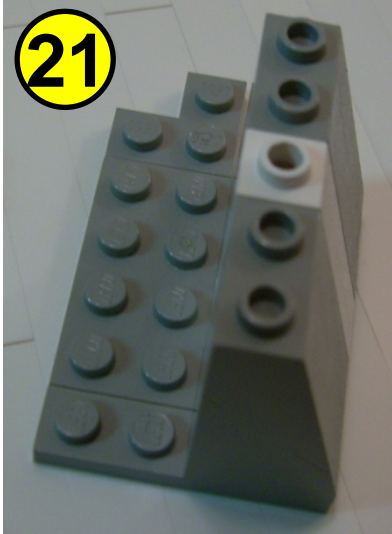


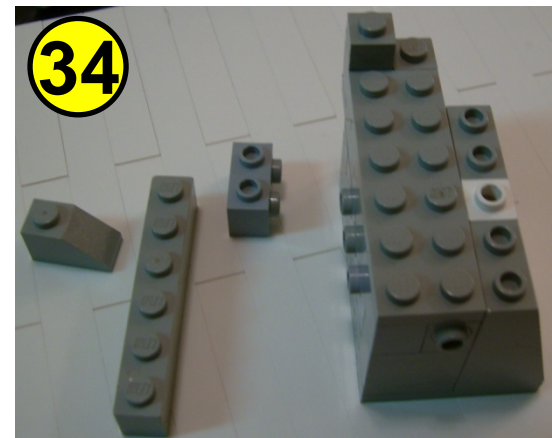
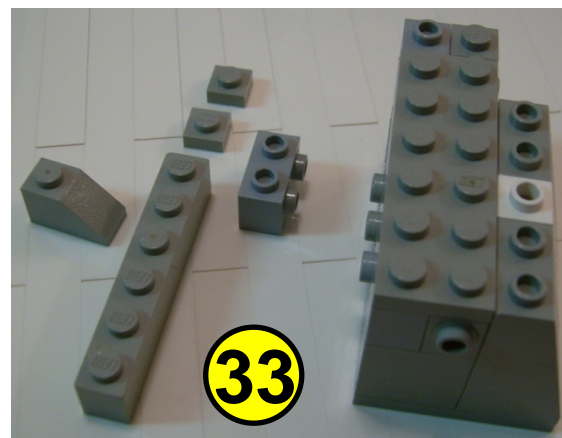
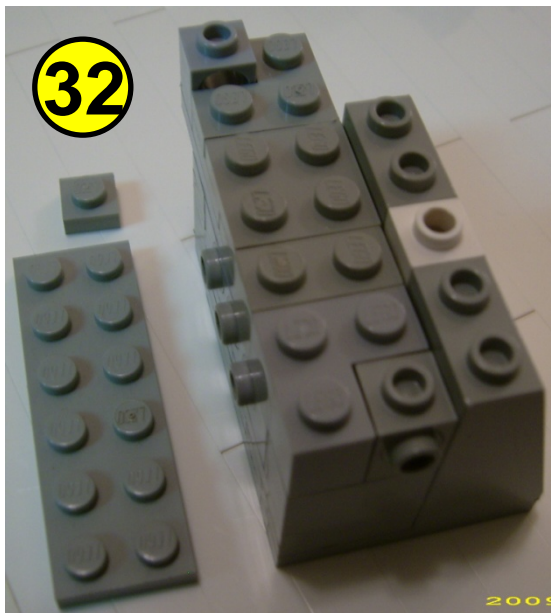
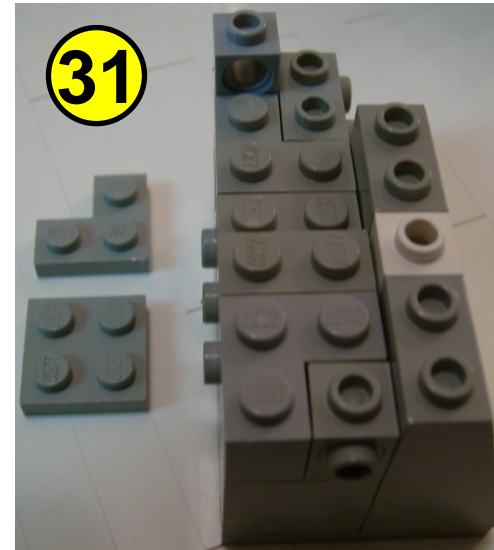
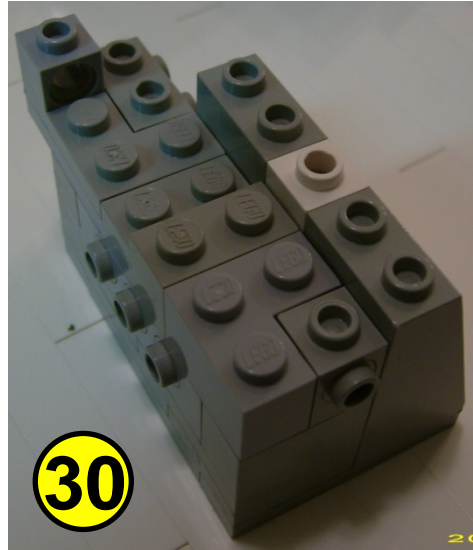
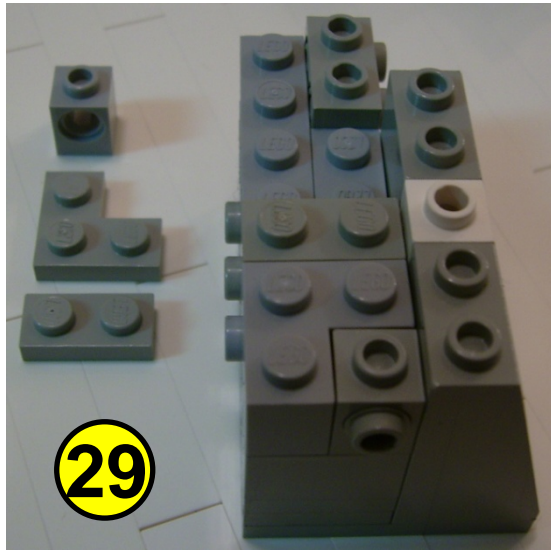
**Main Wing Flap and Engine Cover**

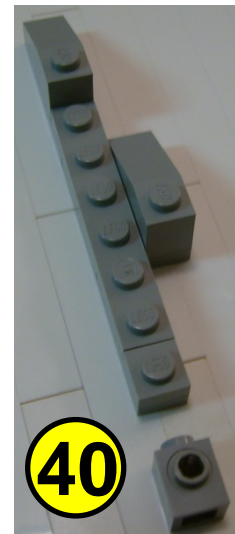
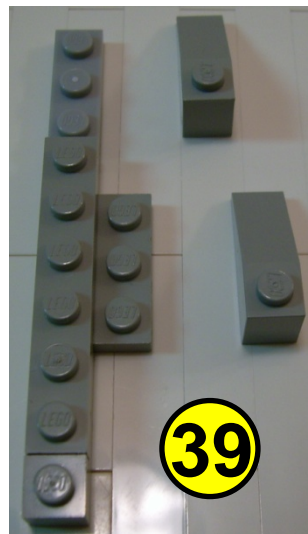
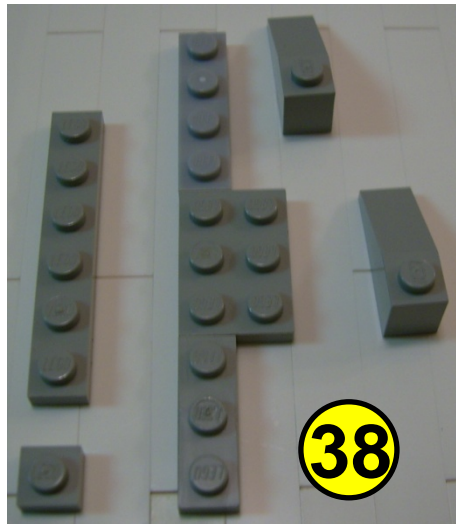
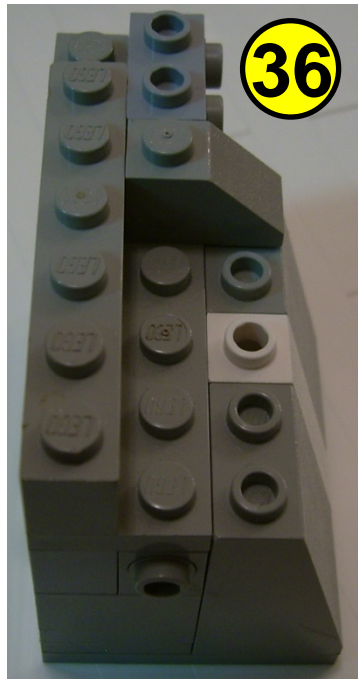
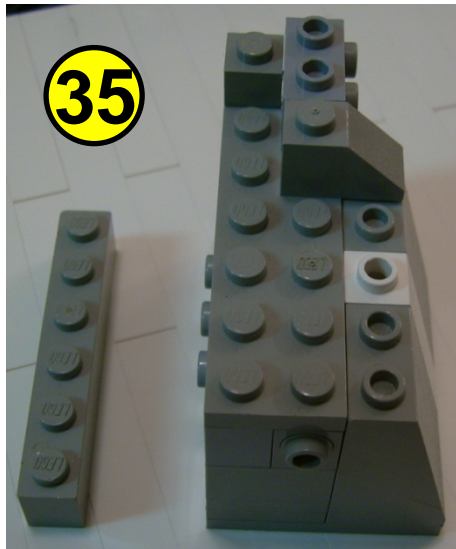
Keep this to the side for later use

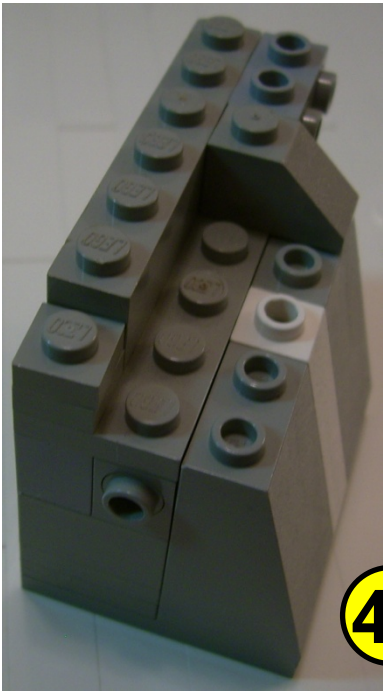
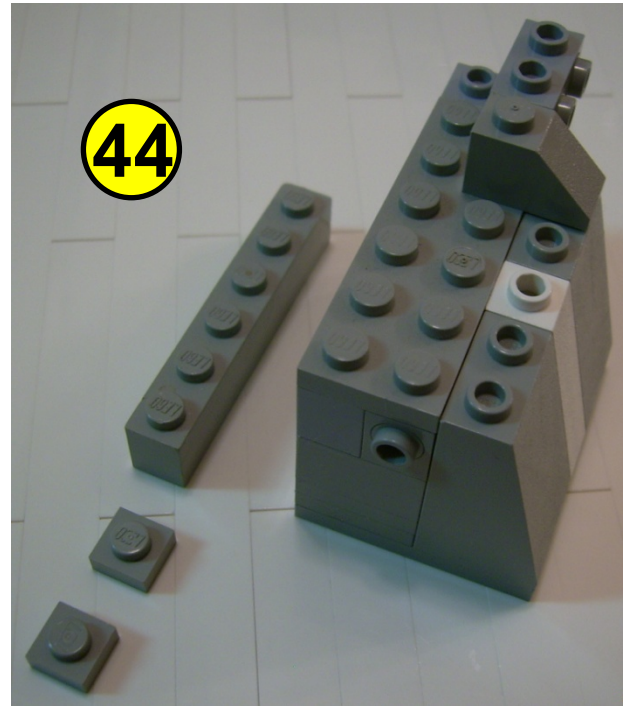
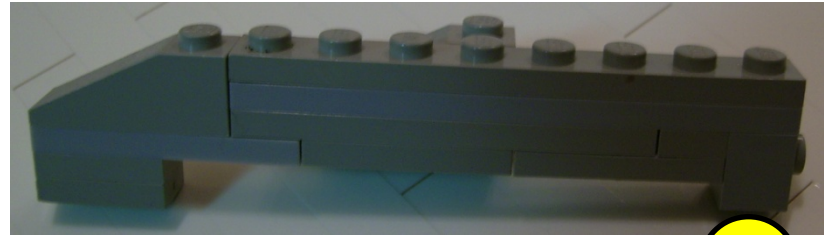
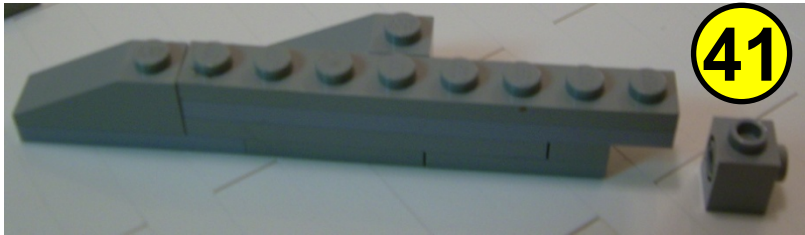


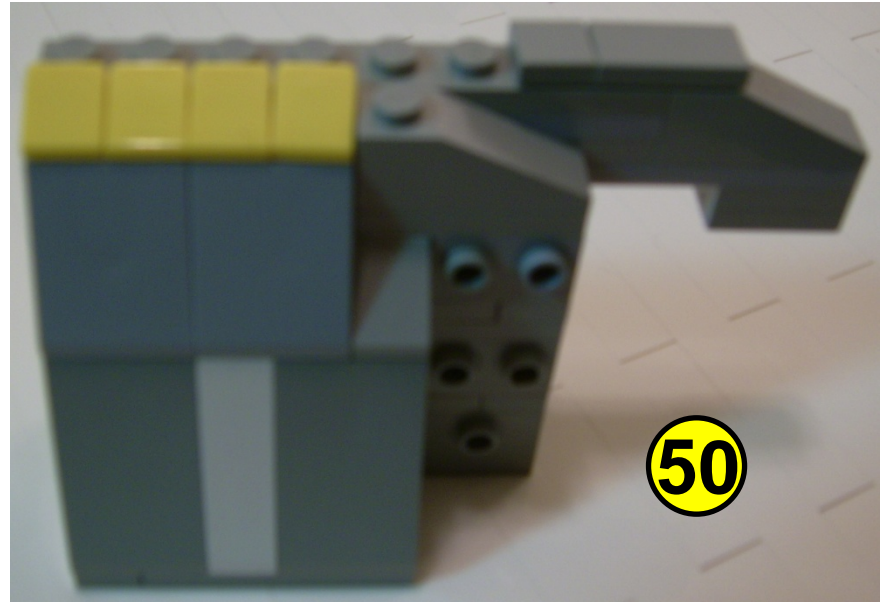
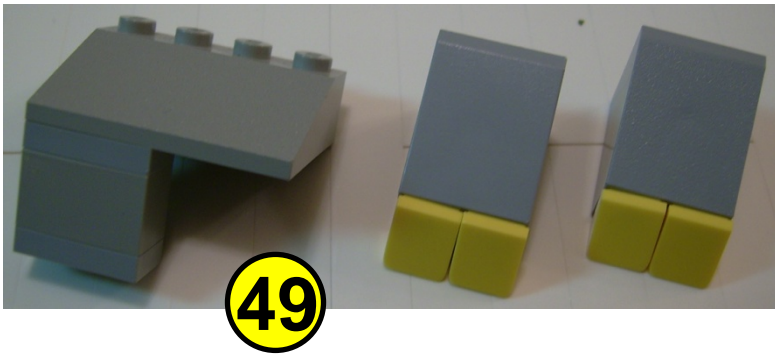
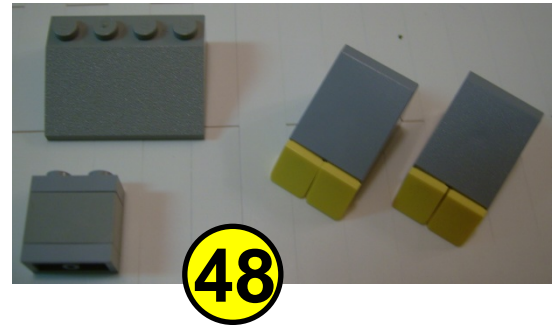
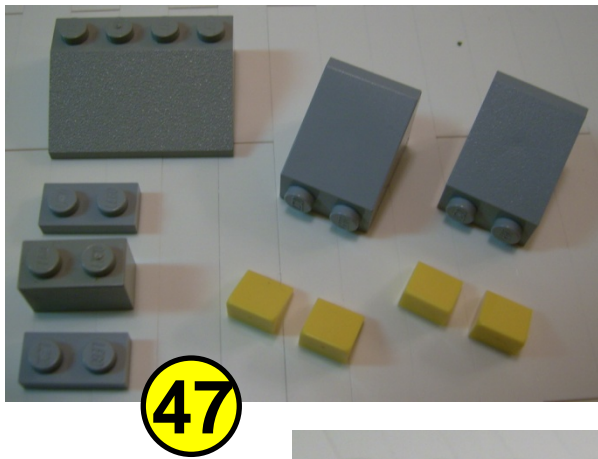
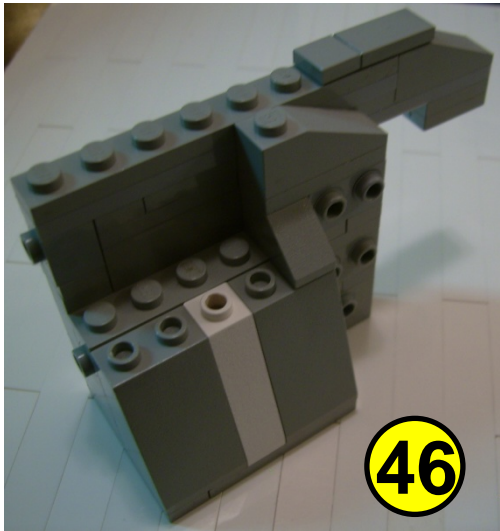
Main Wing Base

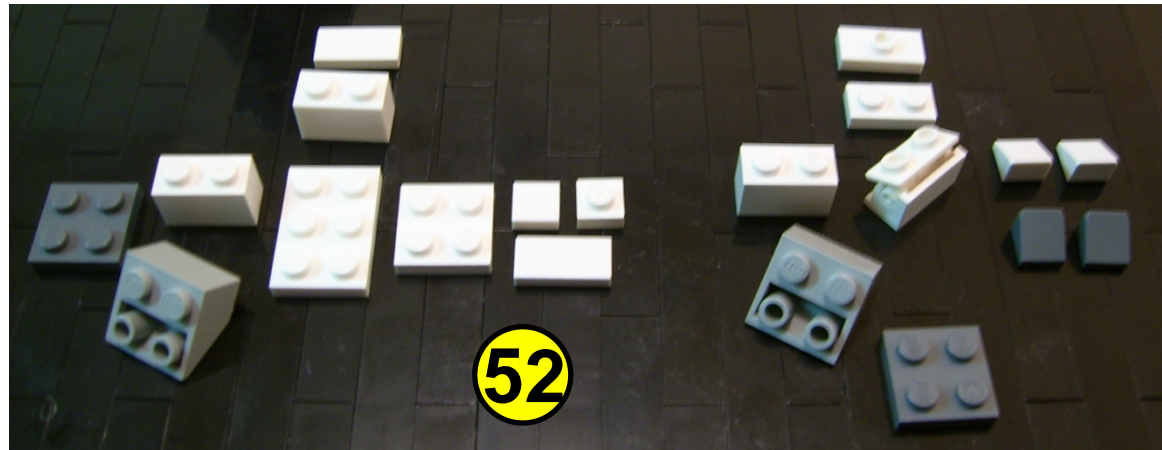




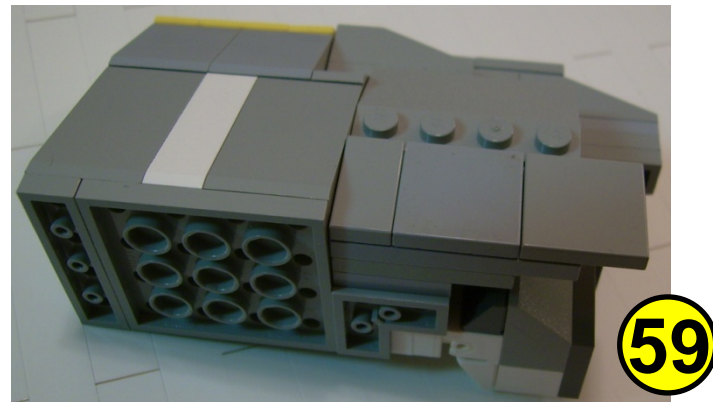
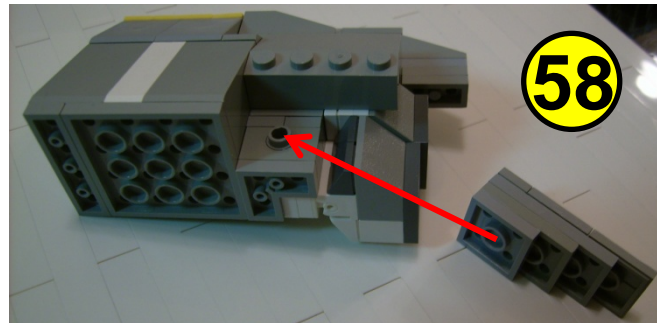
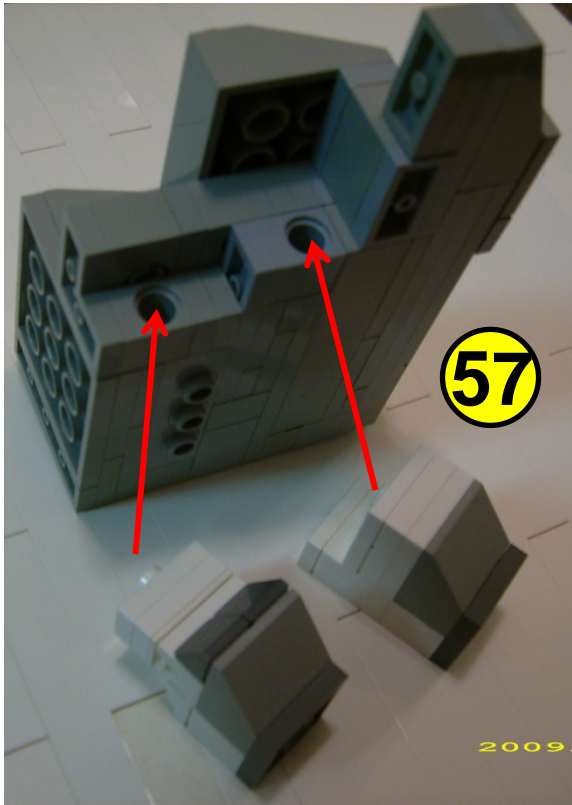
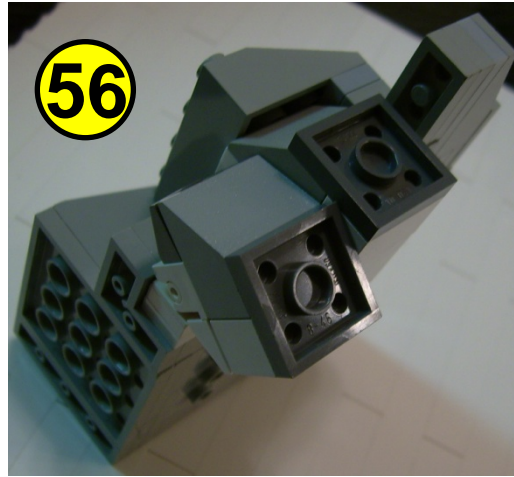
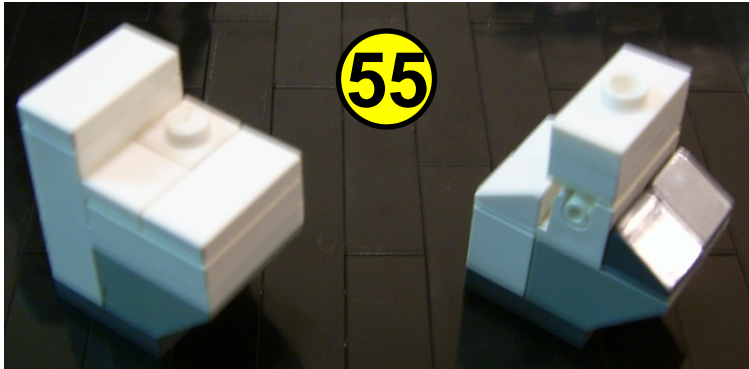


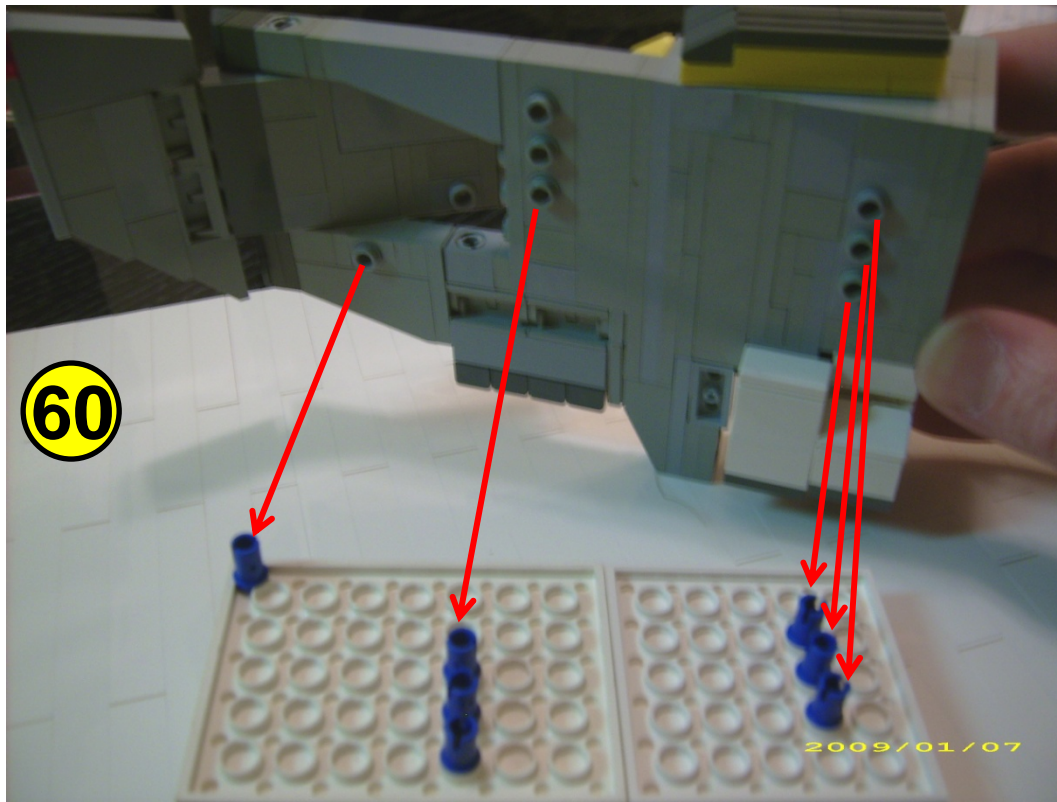






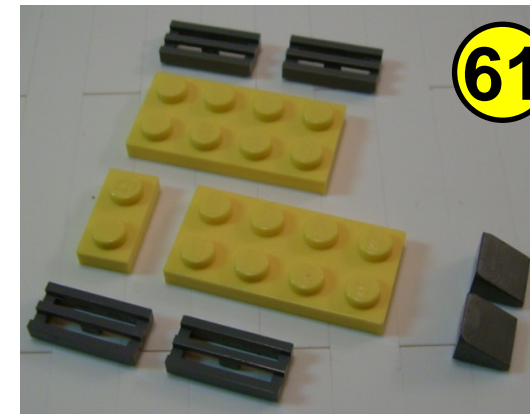
Thrust and Hover Engines



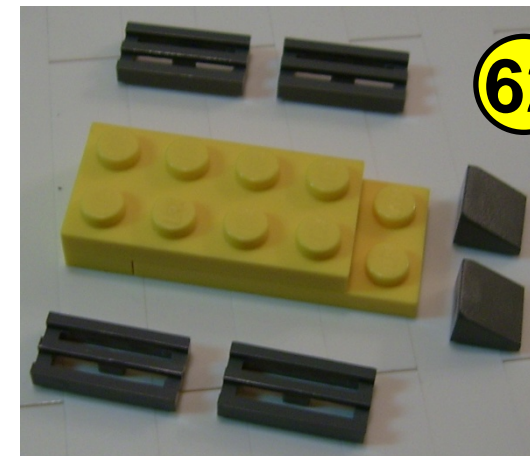


60

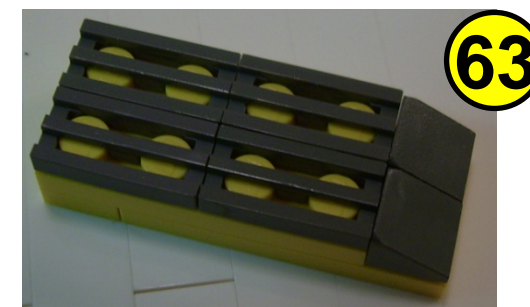
Attach the middle wing section, now connected to the folding wing, to the wing base. Next, attach the underwing section. The tubes/points to where the connector pegs will line up are shown in blue (this is for clarification only). Be aware that some separation of the middle wing and wing base will occur and this is expected. This is due to a slight tolerance mismatch between plates running against bricks in a perpendicular direction.



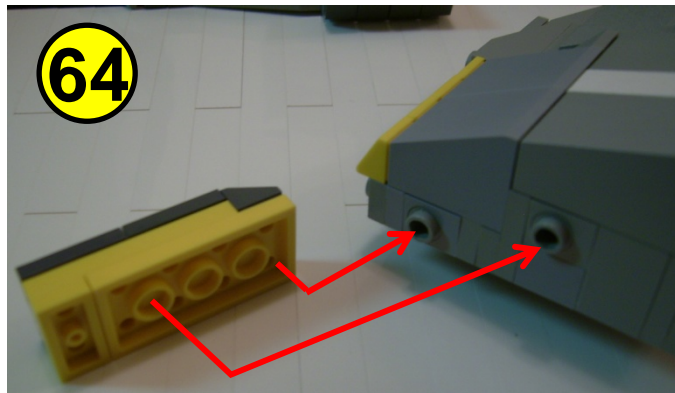
61



62

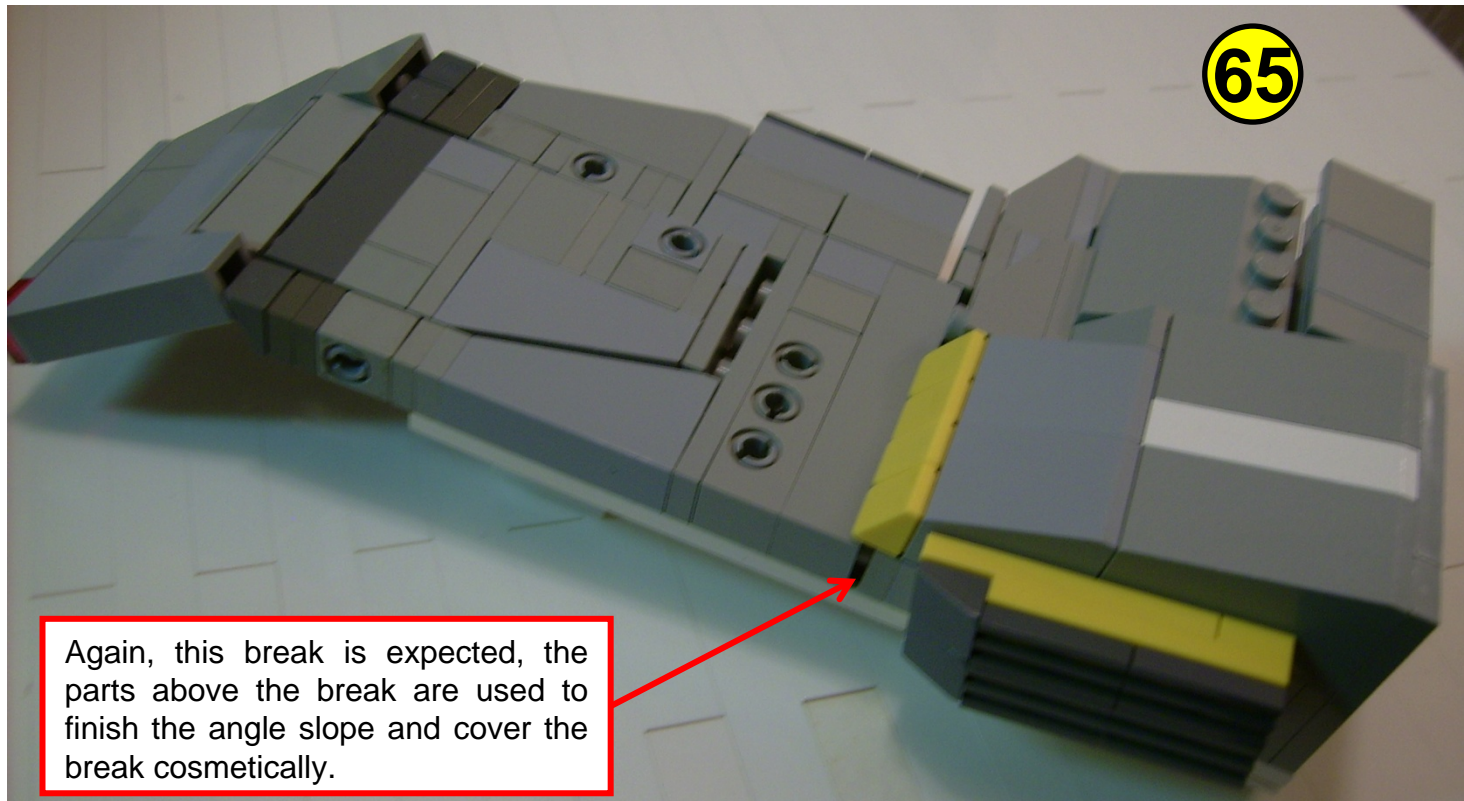


63

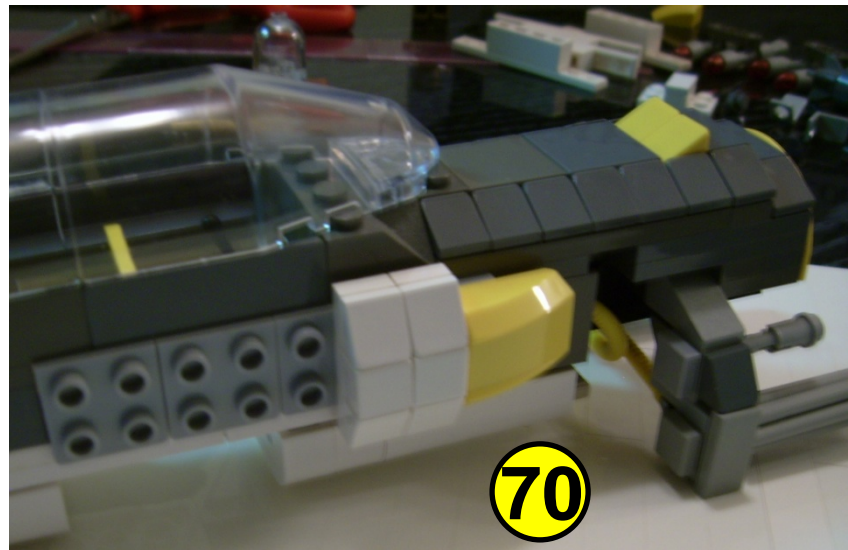
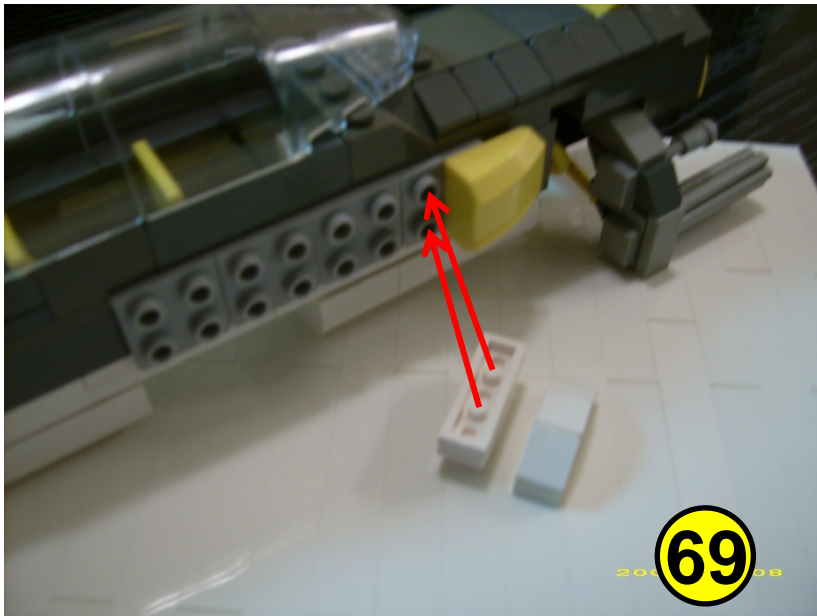
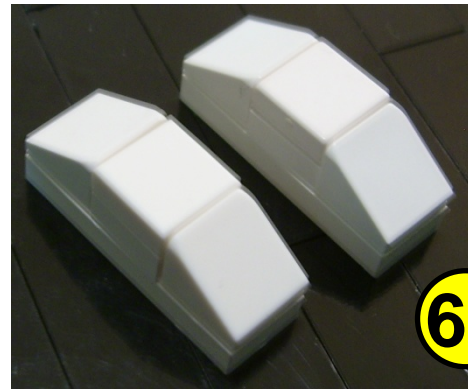
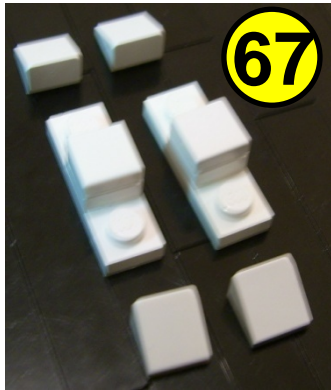
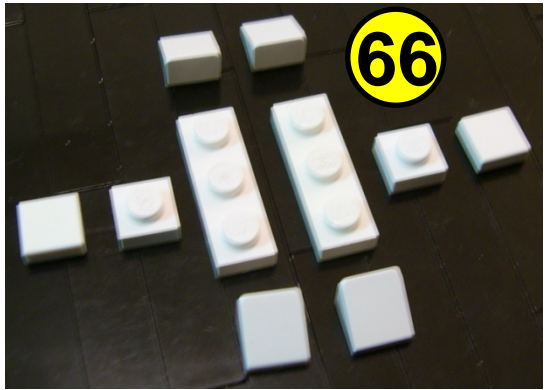


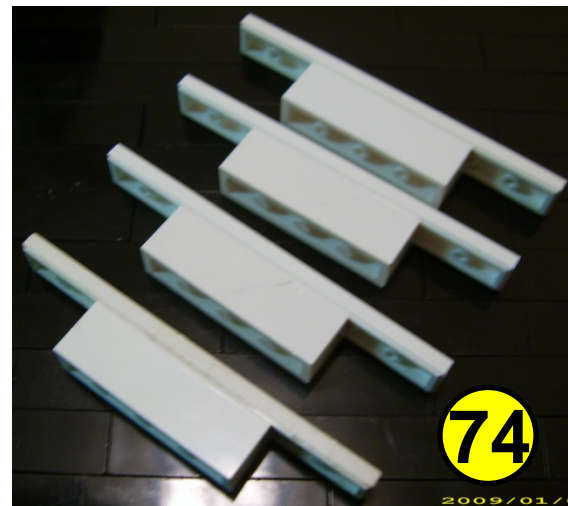
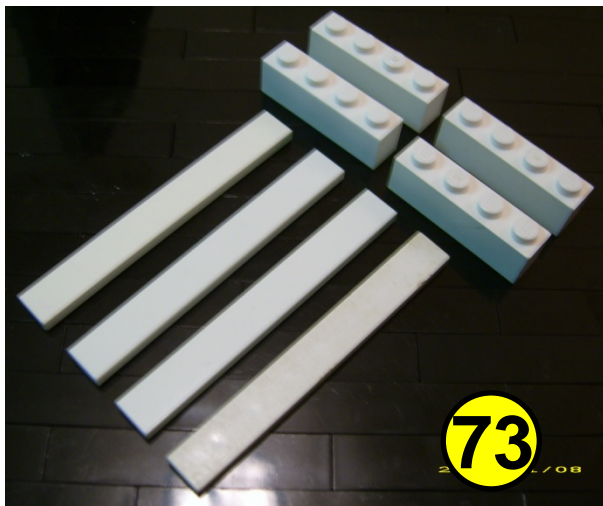
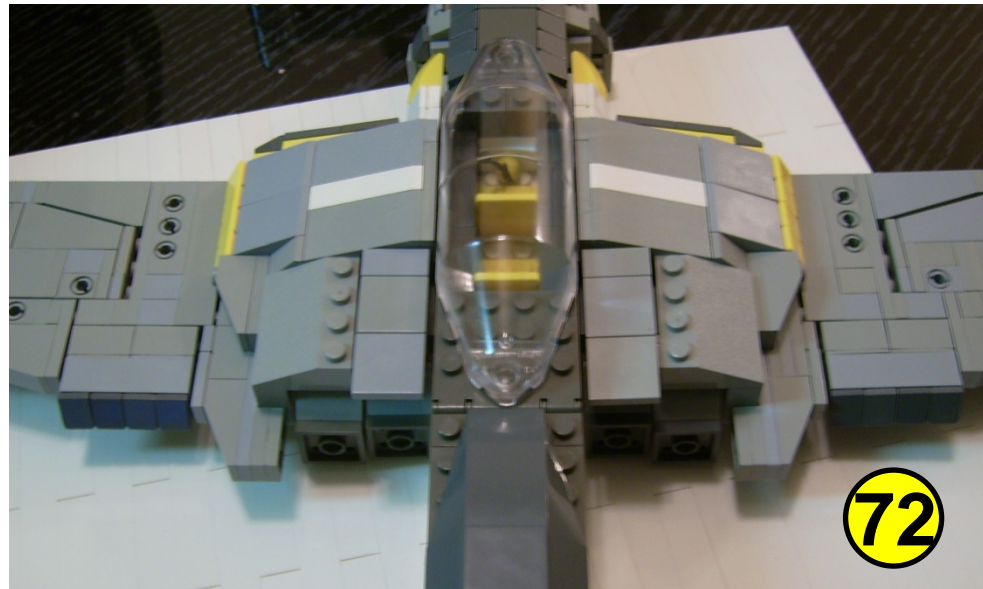
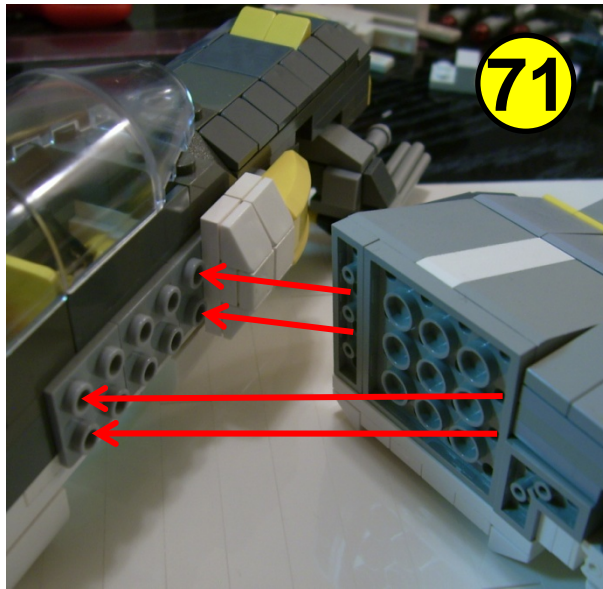
## Attach Intake

**Right Main Wing Finished!**  
Be sure Left is also done.



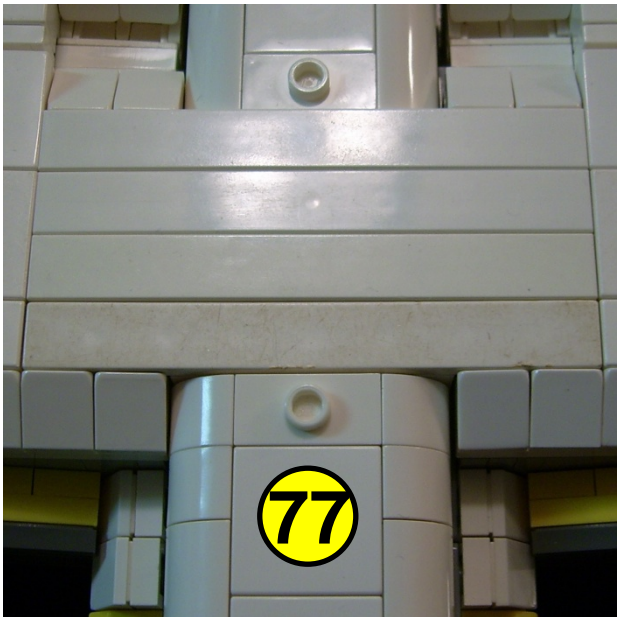
Again, this break is expected, the parts above the break are used to finish the angle slope and cover the break cosmetically.



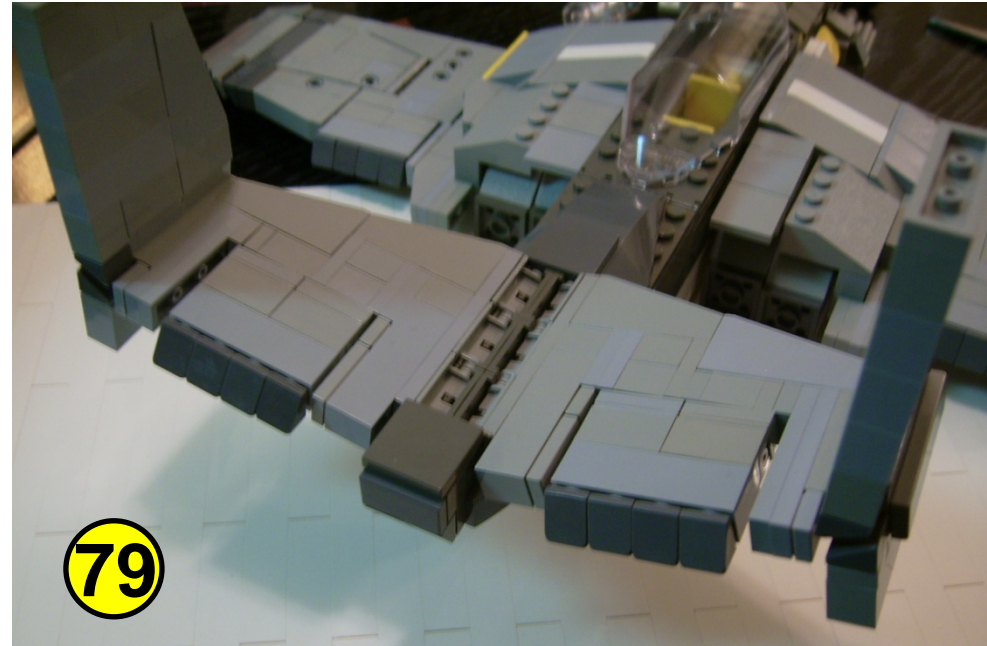
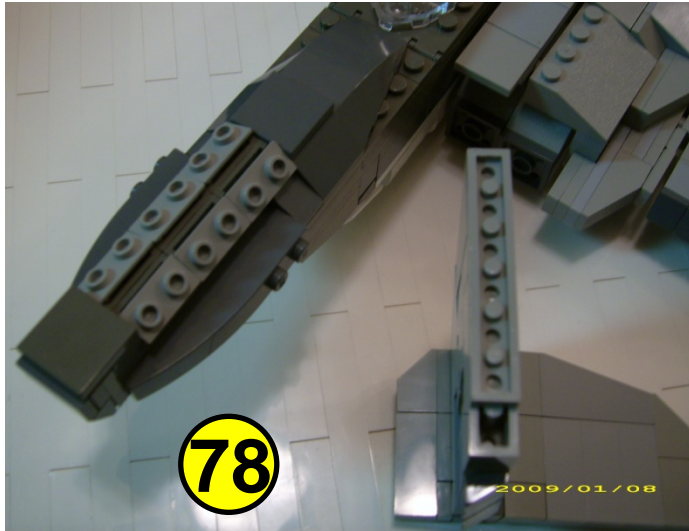




**WARNING:**  
The T-Bar sections help to keep the wings attached and smooth out the bottom of the aircraft. However, this causes a slight bowing of the wings (downward) and can cause warping to these 1 x 8 tiles over time.

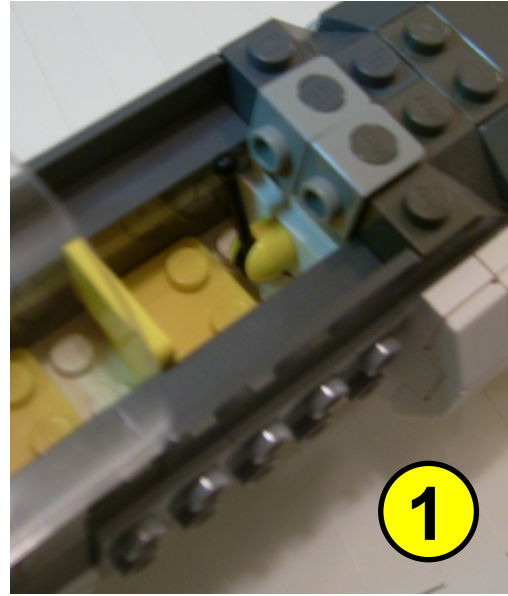
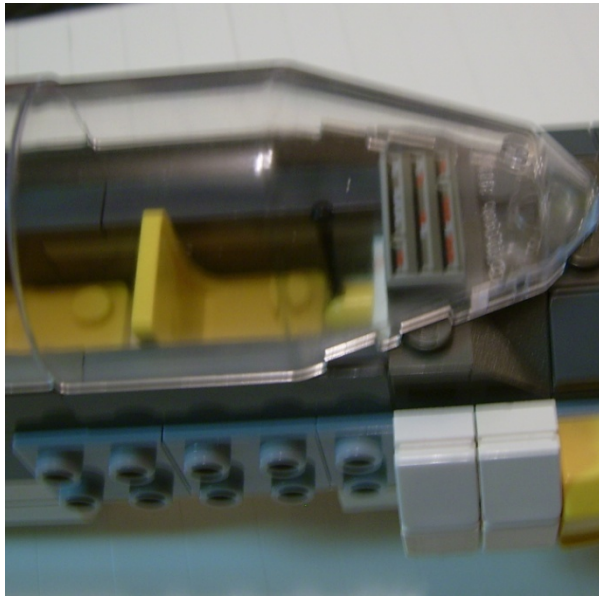


These simple stands were created to display the model in landed mode. Because of the weight, the model cannot support itself on three points; it needs a stand.

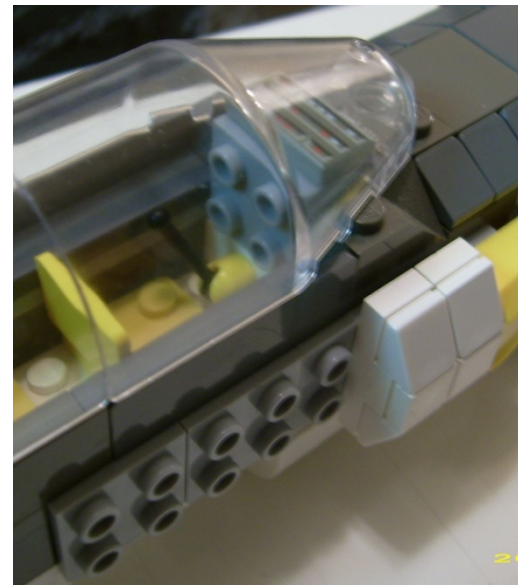
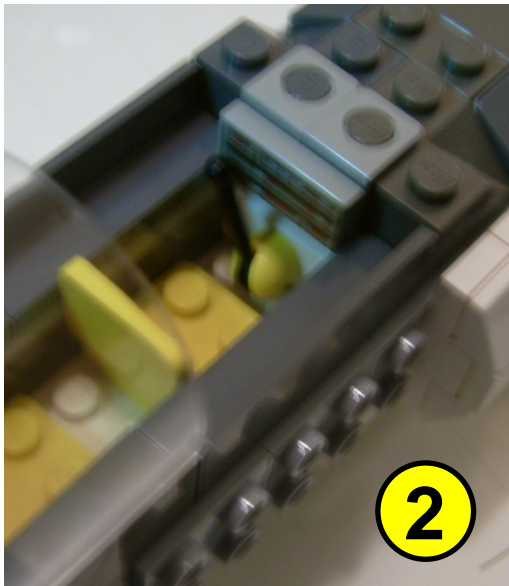


**Done with main model at last! I need a few rounds of Warhawk to relax...**





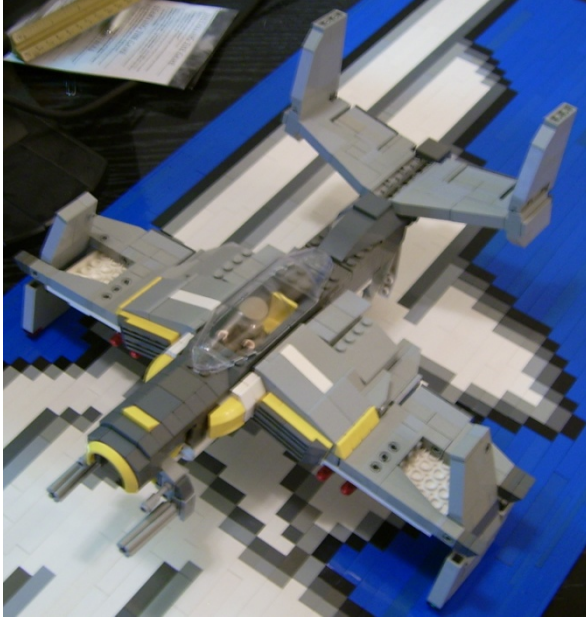
## Alternate control panel schemes



There is a lot of room in front of the pilot for controls and also some room behind the passenger. Have fun with it.

Thank you for your interest in this Lego model and thank you for playing Warhawk.

# Afterward



## *Useful links and Resources:*

Pick a Brick (buy specific parts):

<http://shop.lego.com/PAB/>

Bricklink, online auction for Lego:

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

Peeron, learn what sets have what elements:

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

Brickshelf, learn from others' creations:

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

ebay

Your local Lego Store (if you have one)

50 Columns Long Here



117 Columns Wide