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Personal Solidworks Project
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Personal CAD Project

I thought that I should pick something difficult at first in order to challenge myself when I learned about the assignment. Therefore, I took a research about some interesting object, such as battleship, F1 sport car, and helicopter. Eventually, I chose Boeing AH-64 Apache to be my model because there was a current news about this helicopter in Taiwan, which made me curious and interested.

I knew that this object would be hard to make and it would take lots of my time to work on it, but it was not an impossible mission. Thus, I started to build it. At first, I had no clue where I should start. However, thanks to the TA, I learned the technique that I could sketch on the picture that I found on Internet. This technique was really useful when I don't know the whole dimension of the object. Later on, when I finished the main body, the hardest part came to me. I need to make each part of the assembly and put them together. Therefore, I spent most of my time to find the image on Google and use my creativity to combine them. Finally, I succeed.

After this program, I have learned some new skills, such as dome feature and hole wizard. Also, I am more familiar with the techniques that I learned in class. Although there are still lots of tool I didn't use, I think that I am not afraid of solidworks now. Therefore, if I will do the program again, I still will try my best to make difficult object to improve myself, and also I will learn more techniques on it. At the end, due to the program, I am comfortable with the system now!



Comparison to a real Boeing AH-64 Apache

Right view

Right view of the real Apache from http://pic.pimg.tw/kason2047/1428094416-4128189601_1.jpg



Right view of my Apache

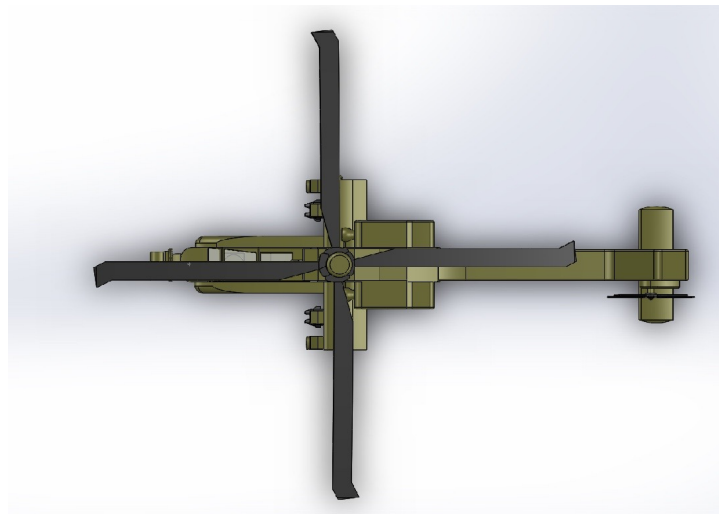


Top view

Top view of the real Apache from
http://farm3.static.flickr.com/2435/3766327775_0267faf792.jpg



Top view of my Apache



Front view

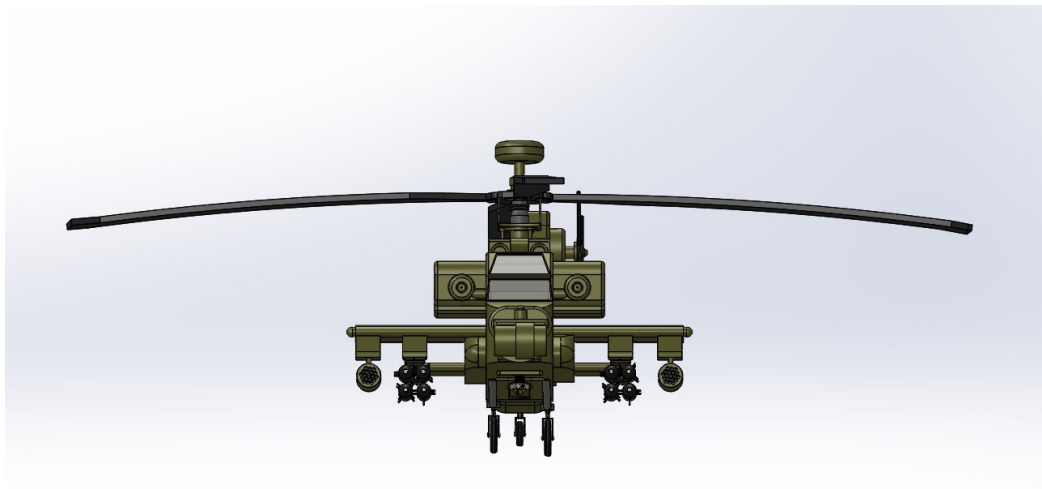
Front view of the real Apache from

http://g.udn.com.tw/upfiles/B_H1/H101094880/PSN_PHOTO/618/f_10251618_1.j

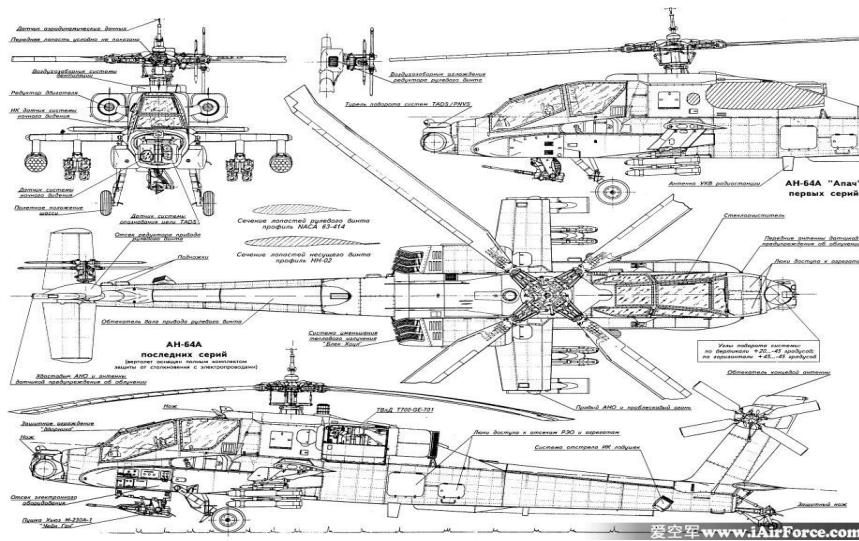
pg



Front view of my Apache



The picture I used to sketch:



The drawing with the overall dimensions of the project shown:

