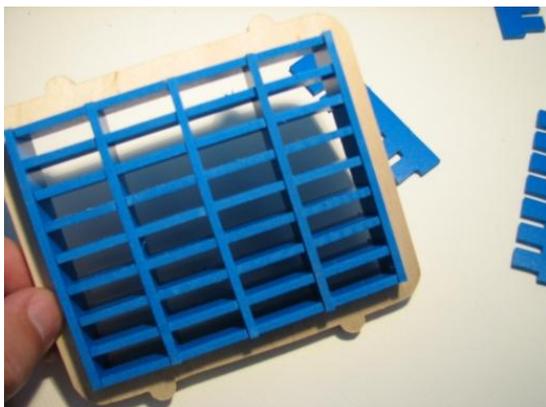# The Caution Panel of the F16 block 52

One of the parts I was afraid of to start with was the Caution Panel. Looking at the real one you will realize you'll have to make 32 little boxes with lites in them. And all those boxes are packed on a little surface.
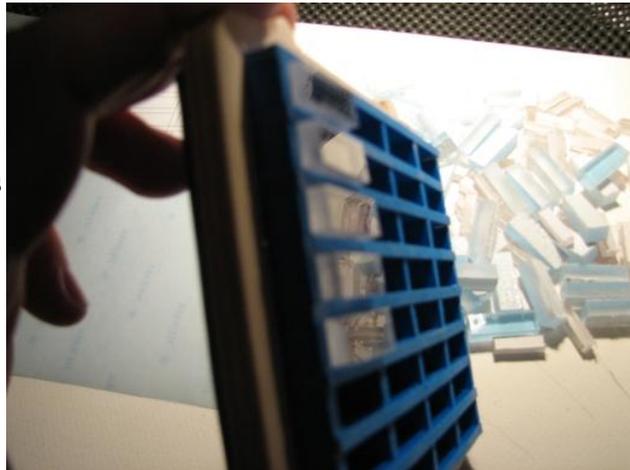
I started to draw the walls of the little boxes , and I used 3mm material for the building of them so the shape of the panel would be a little to big. But there is room for this slightly bigger panel so for me it was no problem. (Would you like to have the real measurements you can find them at WWW.XFLIGHT.DE in the section original you find the layout of all the panels.)

First you will have to make the walls of the boxes. On the next pages you'll find the drawings of my little project. Print them on labels and it is not hard to cut them out of the material you use. If you use a material that is bendable and when you glue it only with one drop where they snap together you can still move the little walls a bit. That is handy when you have to place the windows, and believe me it is hard to make 32 identical shapes. So with walls that can move a little it is no problem

It looks promising to me when I shove the inner part into place.

To make the replica a little more like the real one I decided to use 6mm thick plexi glass for the windows. I just had to press them between the blue walls and because the walls could move a bit little imperfections of the size of the windows are no problem.
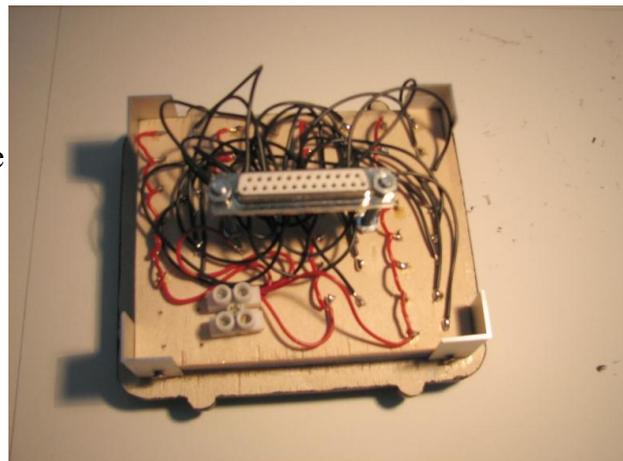Now the glass will look like the real ones.

Now we have to paint the whole thing black. Don't forget the sides of the windows.
I used some liquid masking film on the top of the windows. Then it is easier to paint the other surfaces of the panel black.
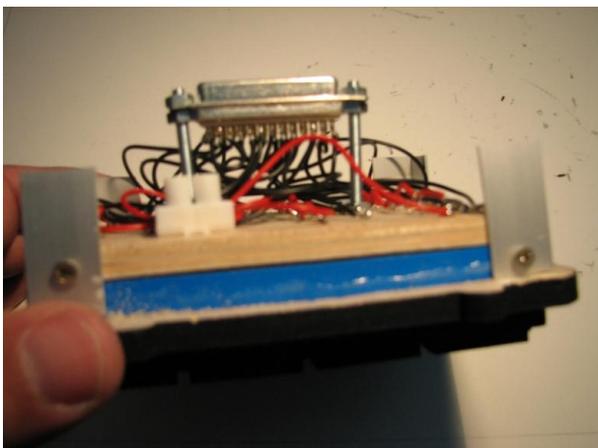When finished you can easily rub away the rubber on the top.
(The inner site of the boxed have to be white, so the lite will be as bright as possible)

I used little 12V lamps, but bright LED's will also do fine. Just took a little piece of wood and drilled some holes in it for the wiring.
From the inner side I added two bolds to be able to ad a solid connection for the cable i planed to use.
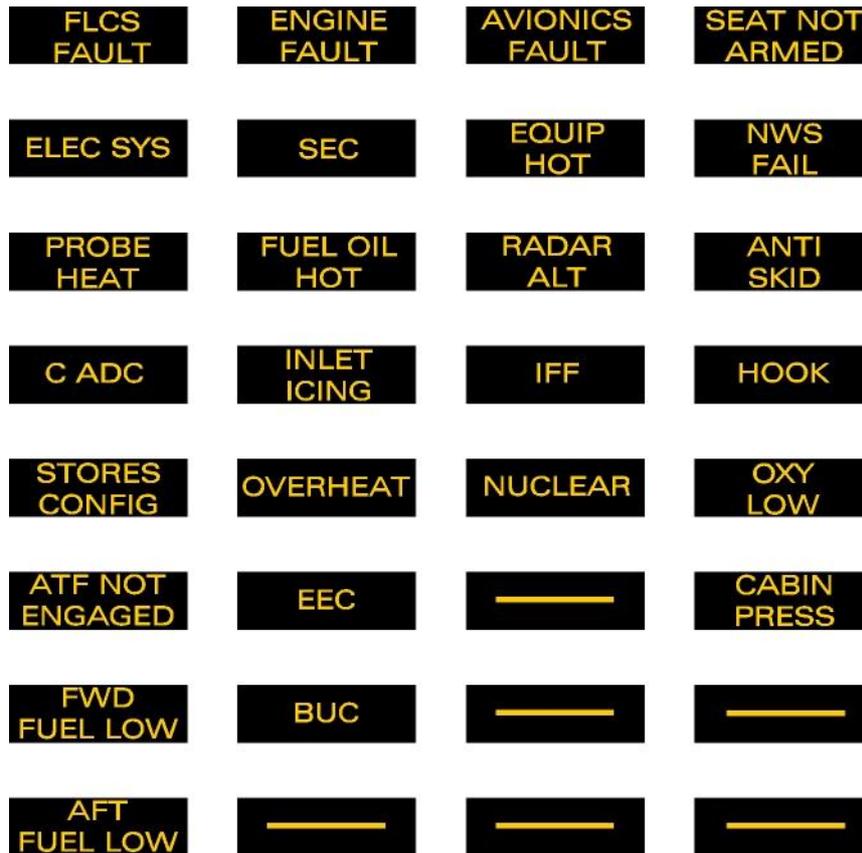
The backplate was connected with the use of four pieces of aluminum on the corners. With eight little screws the backplate was connected with the top part.

Just printed the text on photo paper and laminated this. And with some glue it is easy to put it on the front of the windows.
You just have to ad some more black paint where necessary to prevent lite shining through.

The final result looks O.K. to me ;-).

X5

X9

23,393x7,581

FLCS FAULT	ENGINE FAULT	AVIONICS FAULT	SEAT NOT ARMED
ELEC SYS	SEC	EQUIP HOT	NWS FAIL
PROBE HEAT	FUEL OIL HOT	RADAR ALT	ANTI SKID
C ADC	INLET ICING	IFF	HOOK
STORES CONFIG	OVERHEAT	NUCLEAR	OXY LOW
ATF NOT ENGAGED	EEC	———	CABIN PRESS
FWD FUEL LOW	BUC	———	———
AFT FUEL LOW	———	———	———

FONT Zurich Ex Bt (10)

<u>Just e mail me if you want to receive the original Corel draw files</u>

As always I keep asking all the others in this loony hobby, make some little pdf's with the pictures you make on the road, and share them with others.

They may make improvements and so we can build our dreams faster and maybe cheaper.

Keep them flying,

Rien "HAMMER" Heideveld

email: F16SIMULATOR@CS.COM

HTTP://www.f16simulator.nl