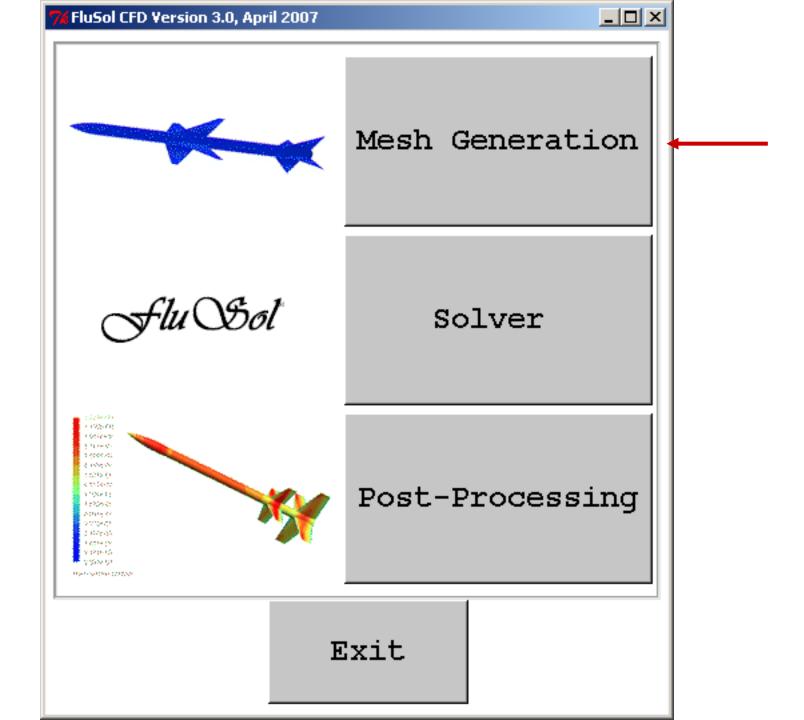
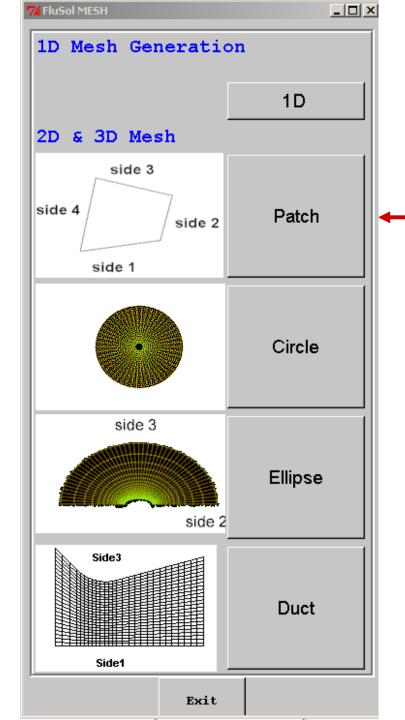
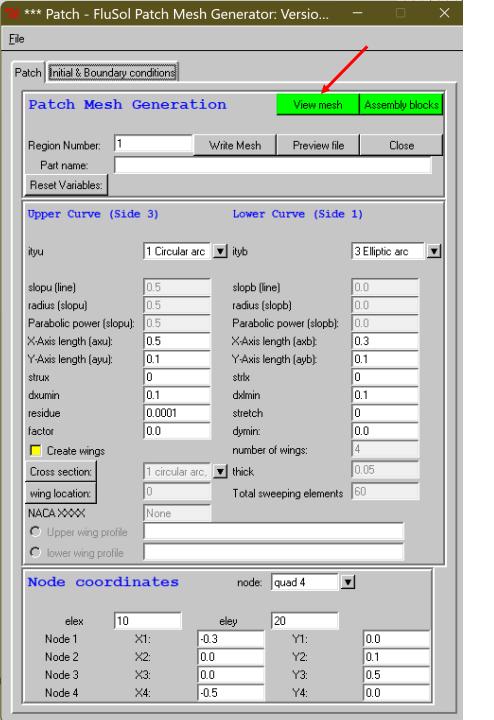
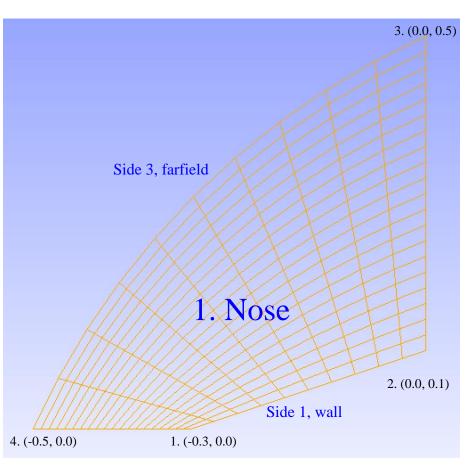
## F14, Mach 1.2 Flow Passes Wings-Body Combinations

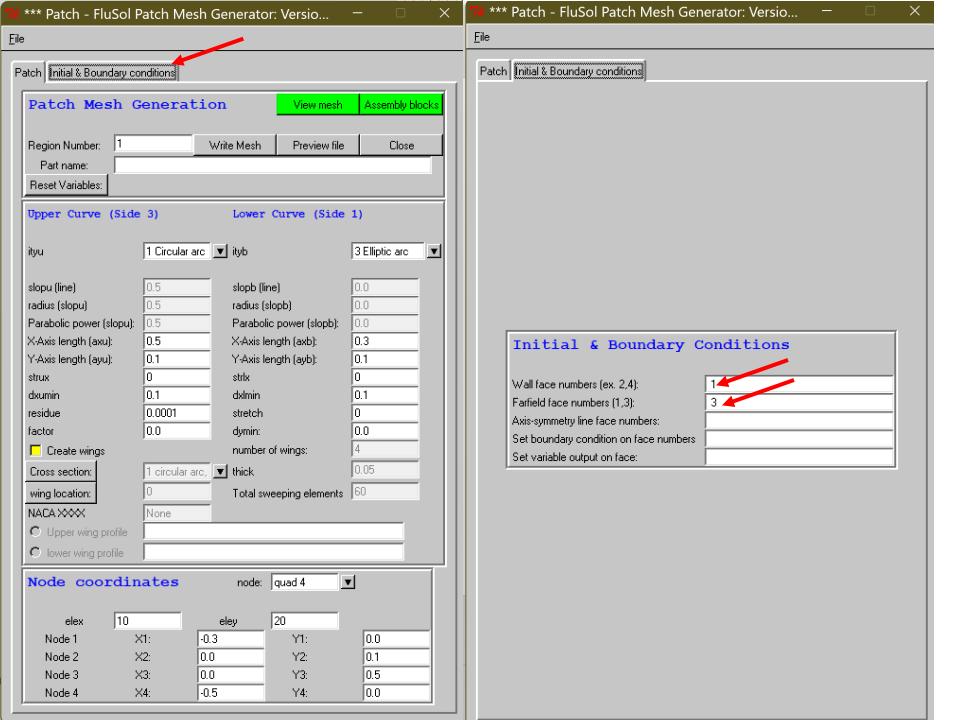
- Mesh generations
- Solver
  - Initial conditions
- Post-Processing

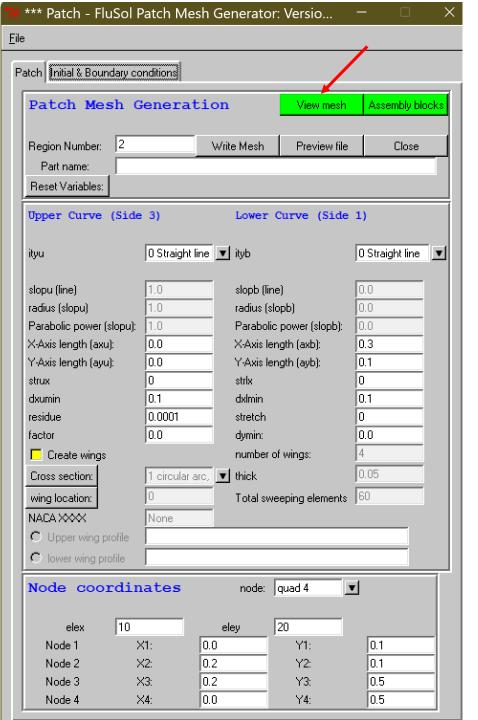


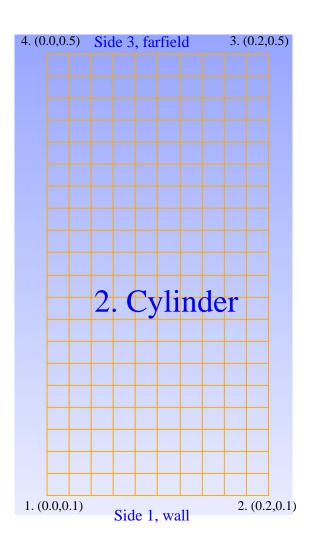


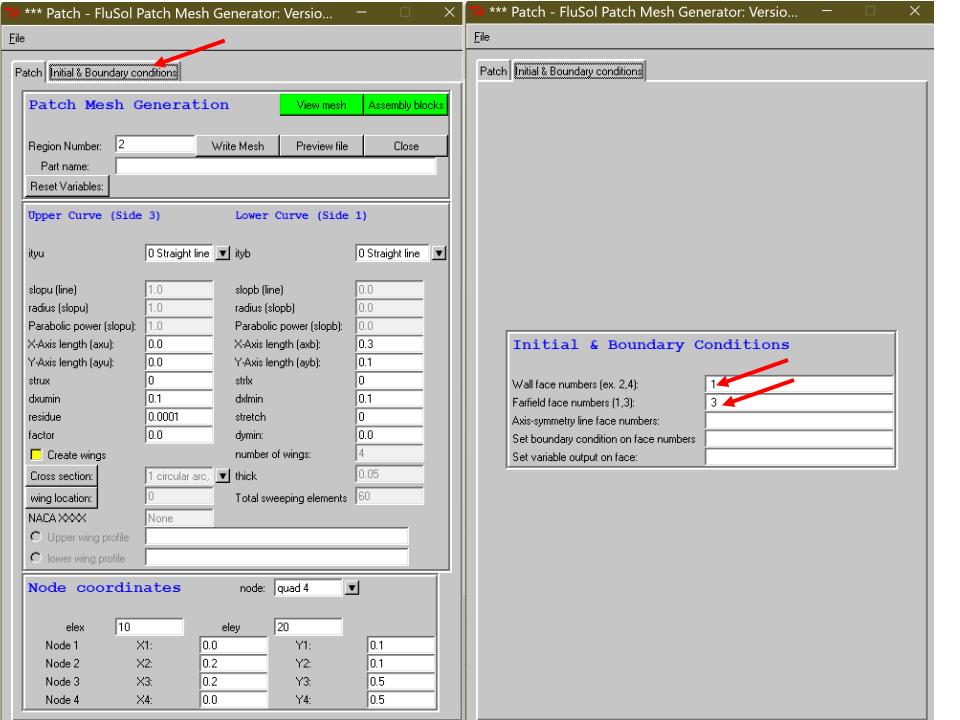


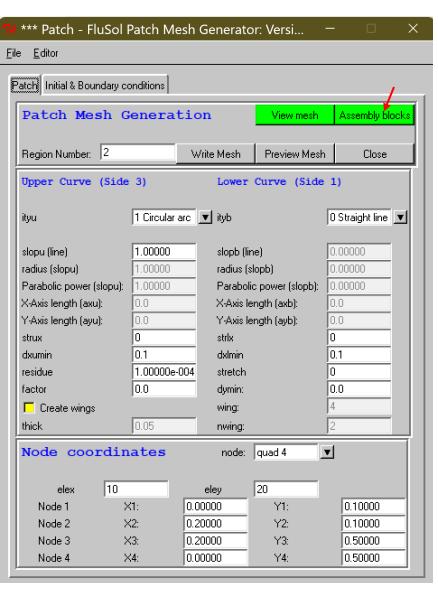


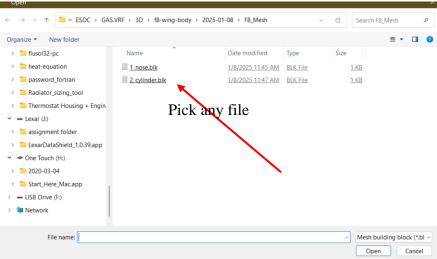


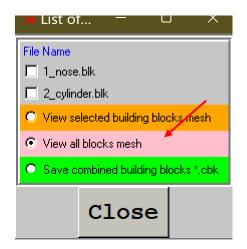


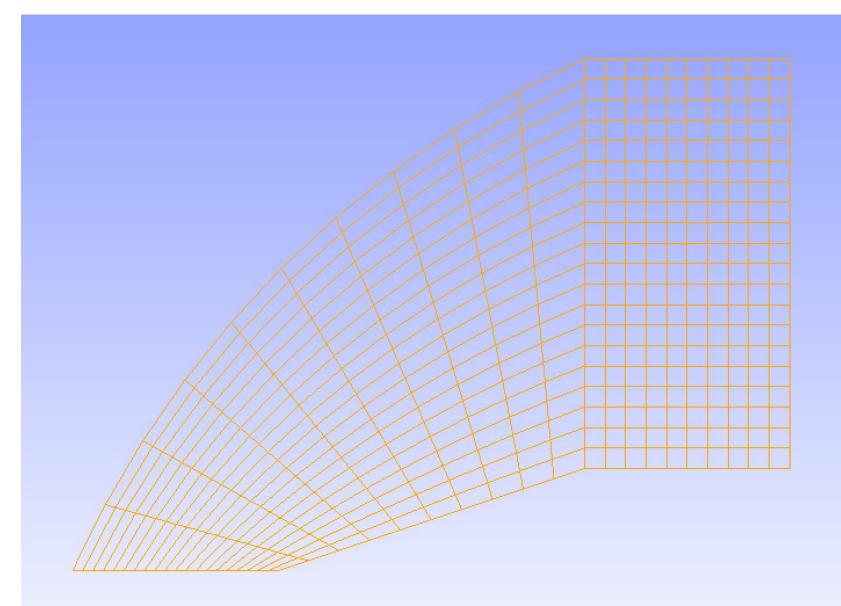


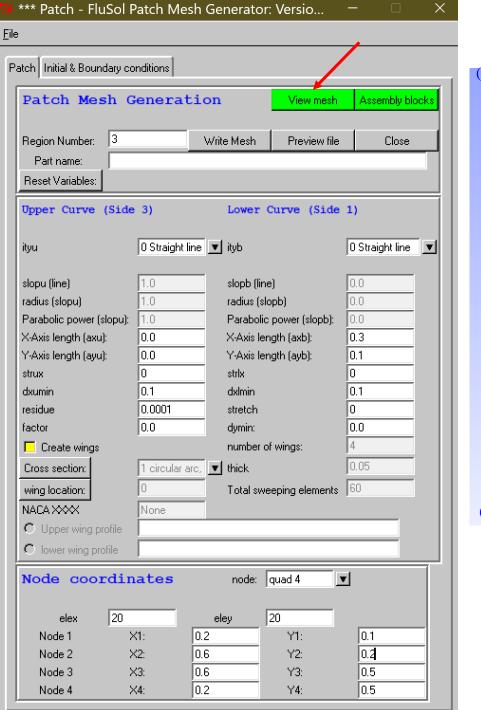


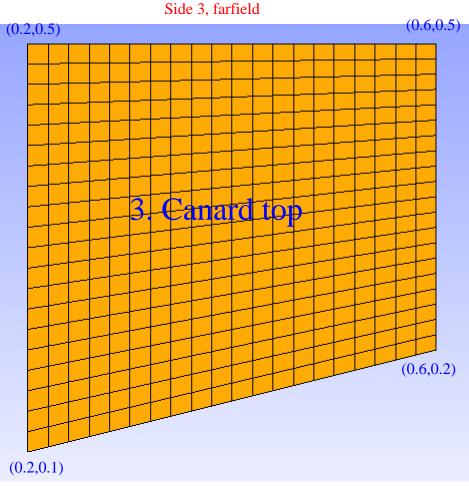


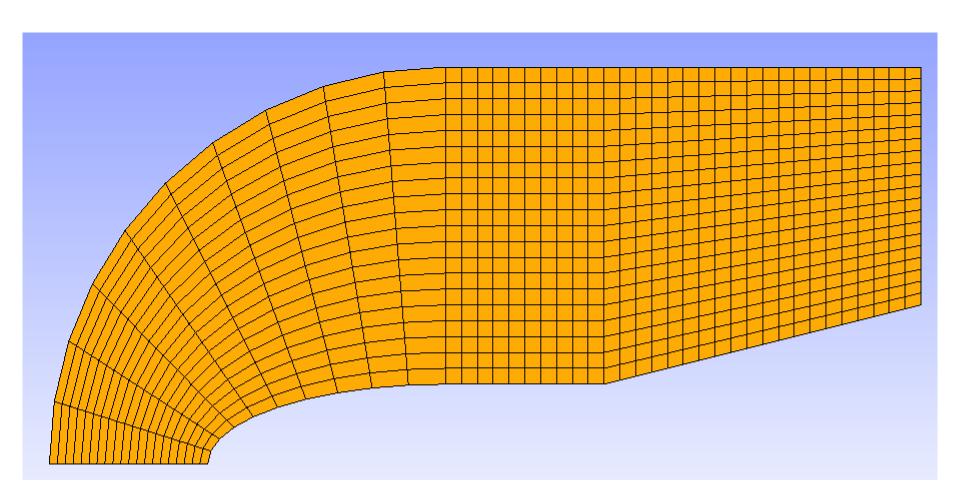


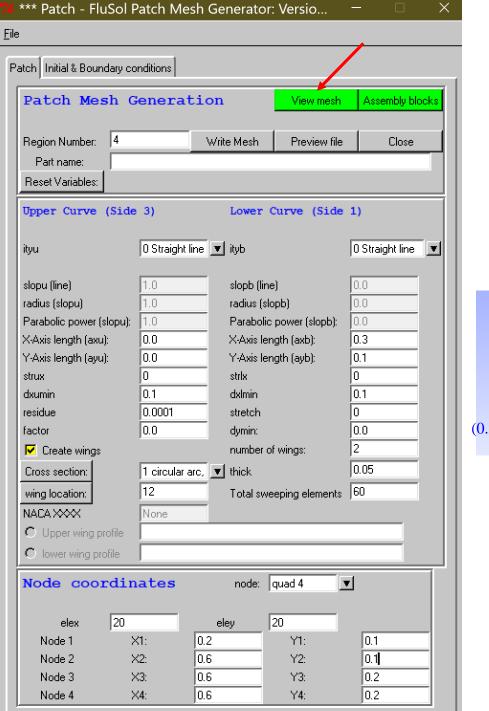


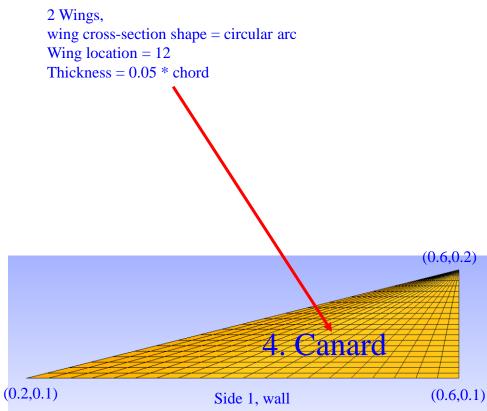


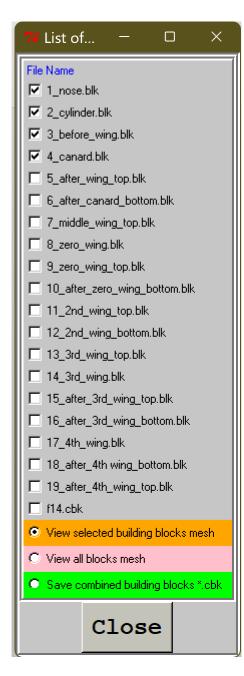


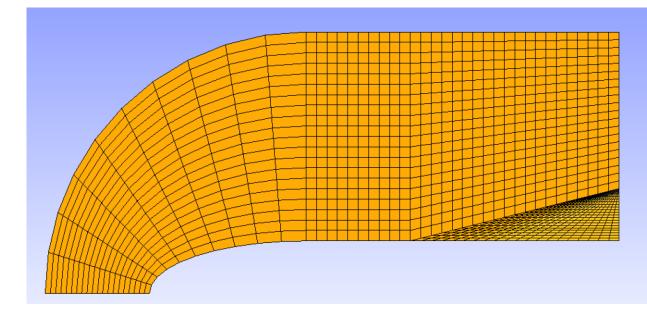


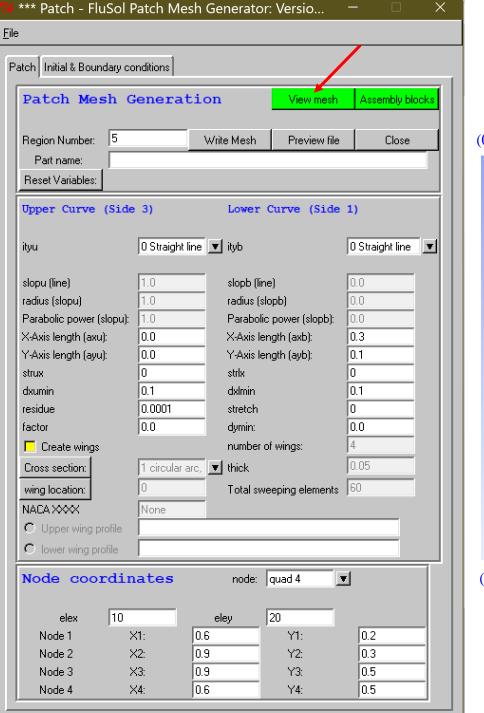


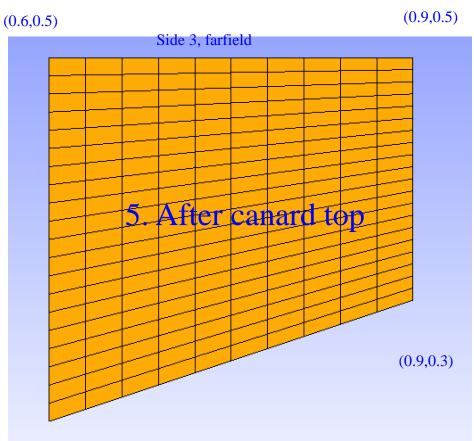




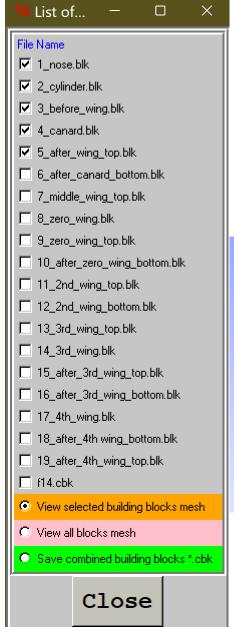


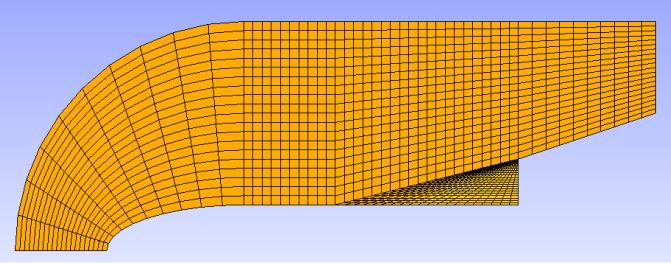


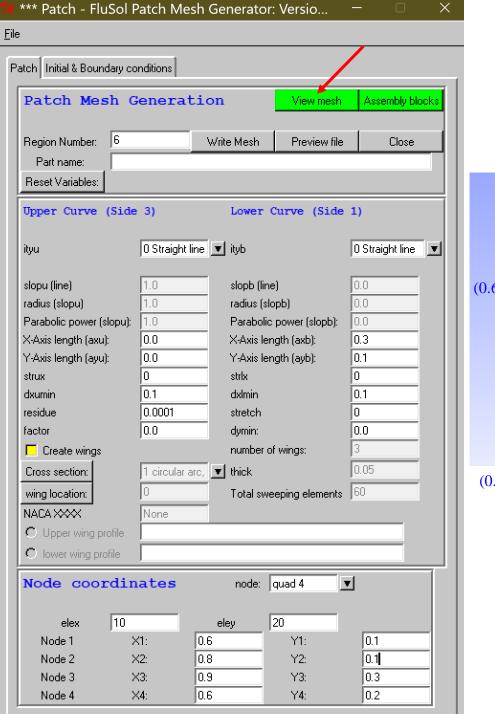


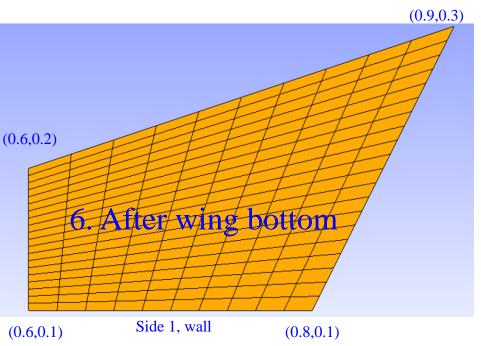


(0.6,0.2)

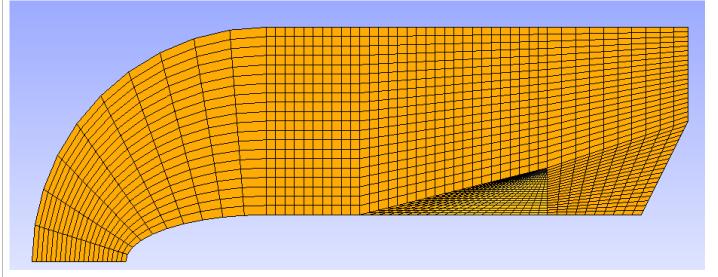


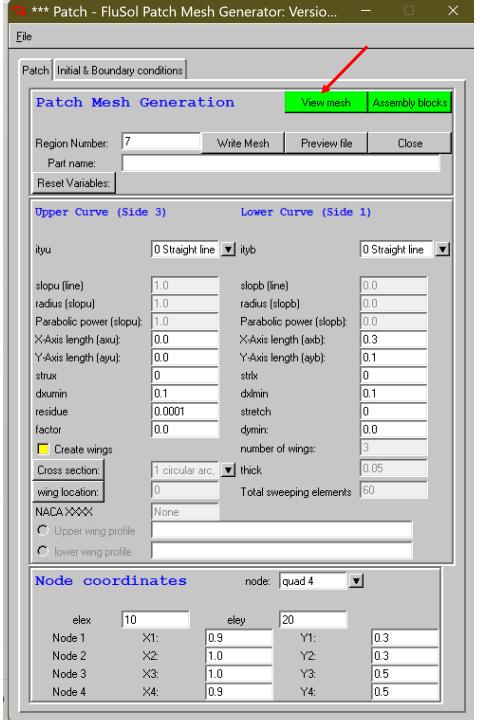


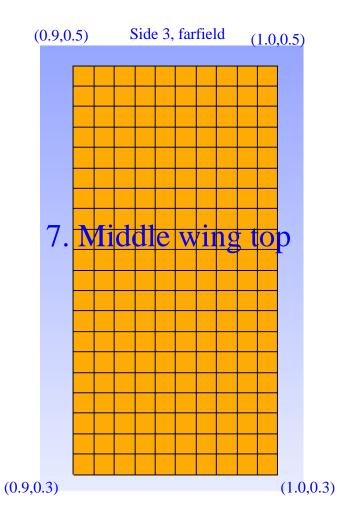


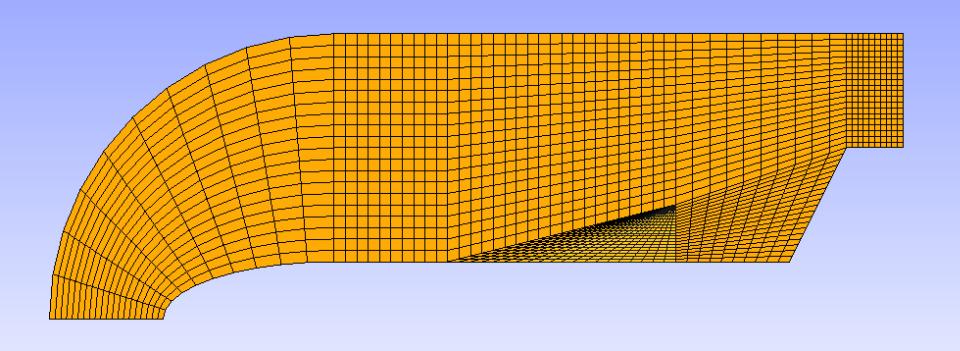


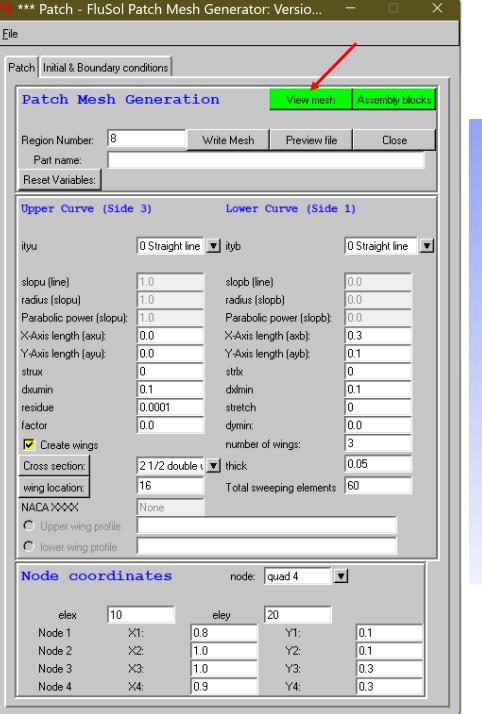


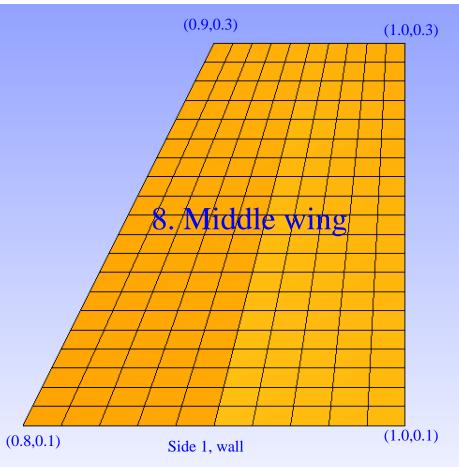


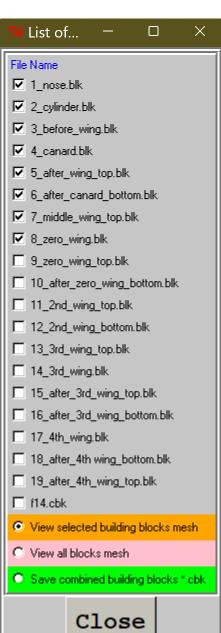


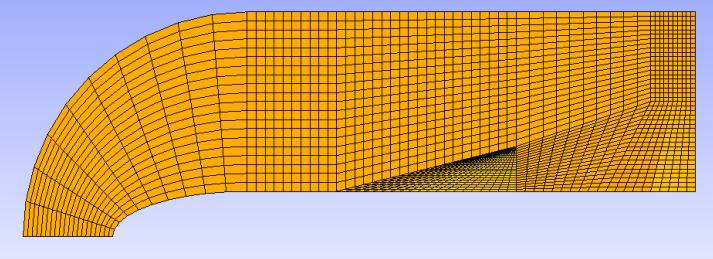


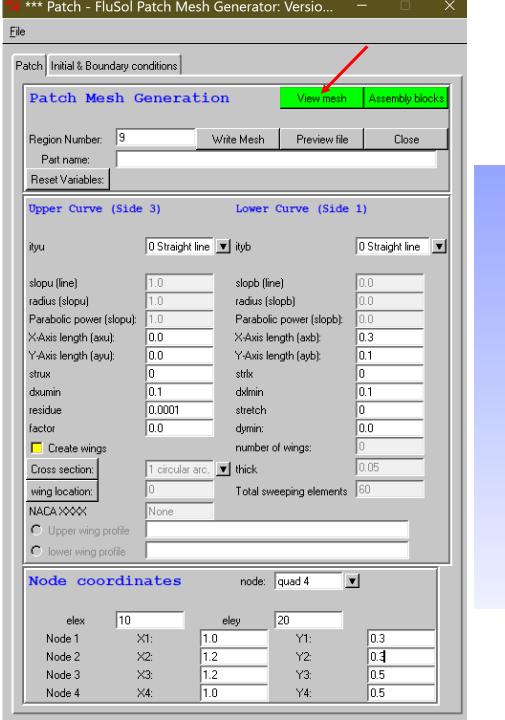




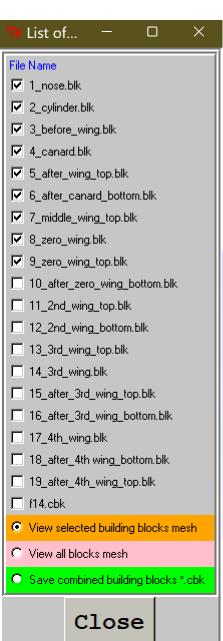


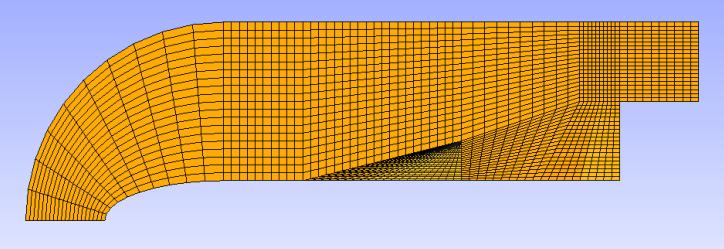


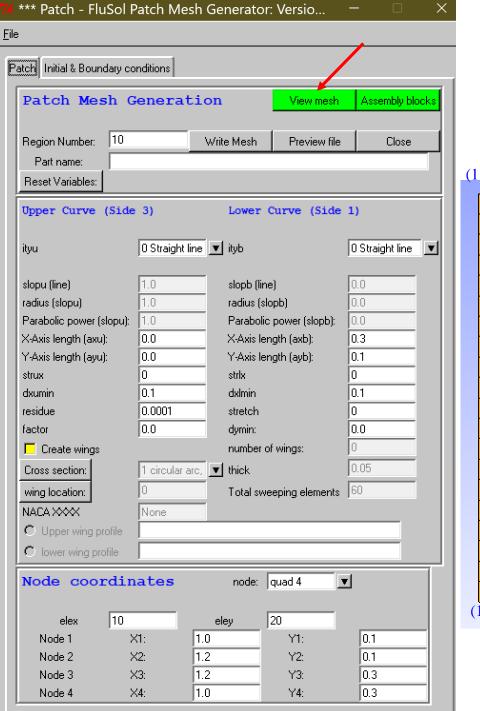




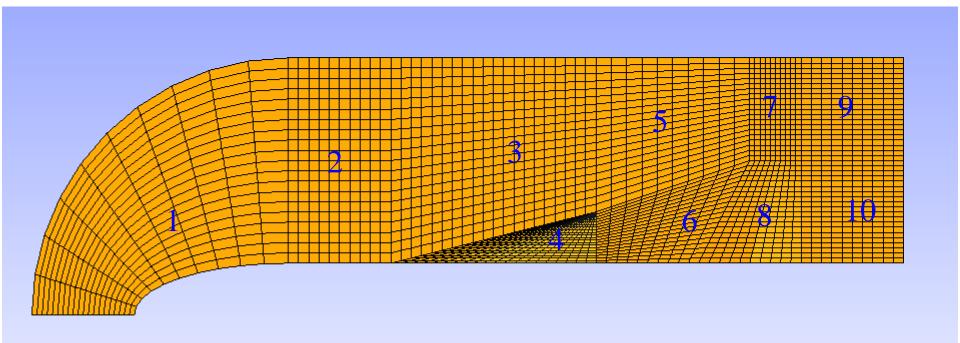


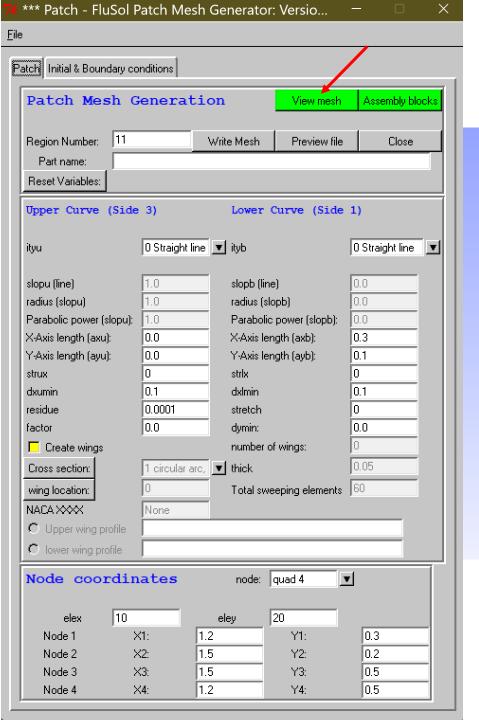


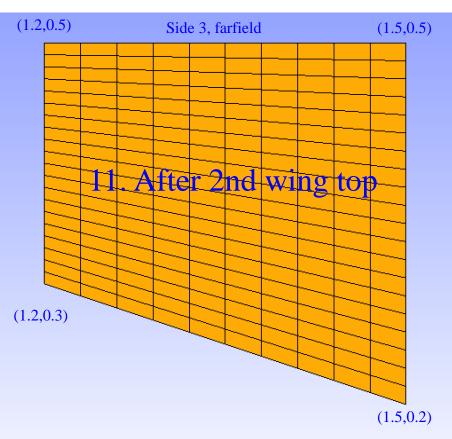


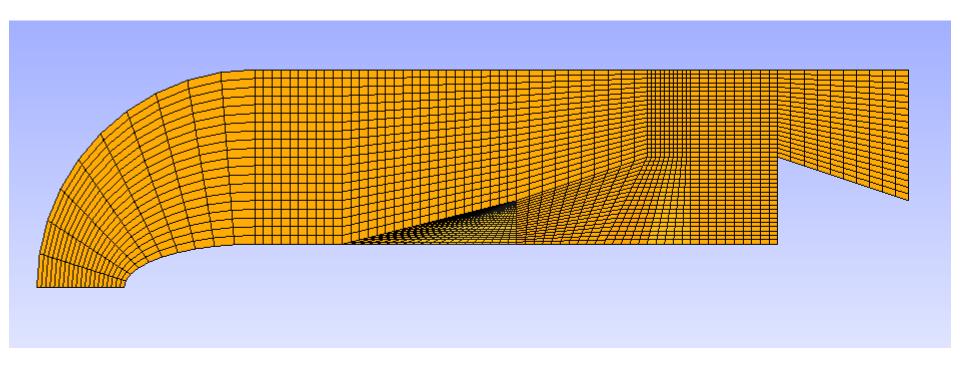


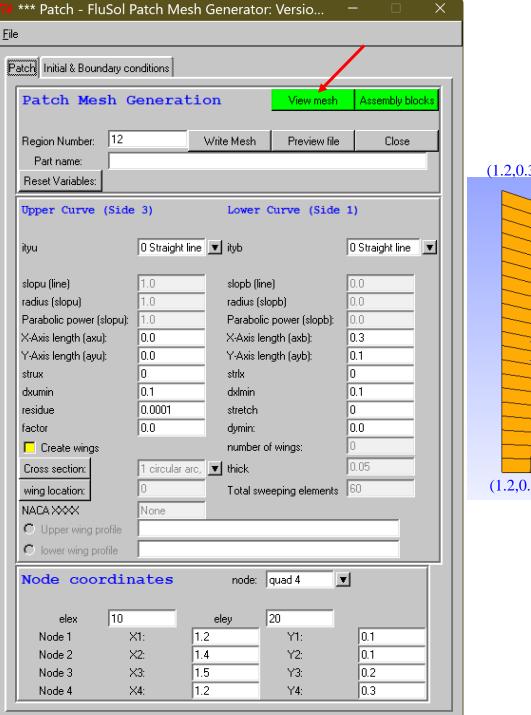


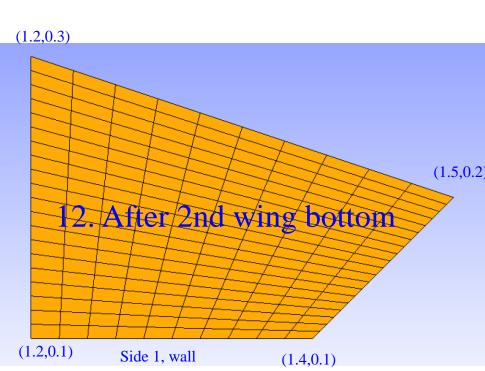


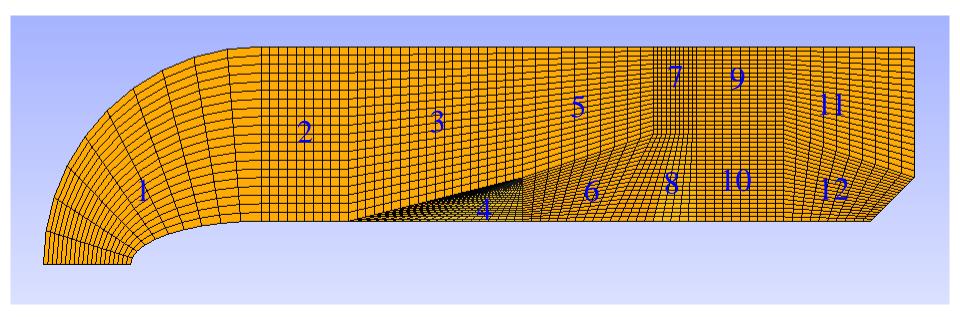


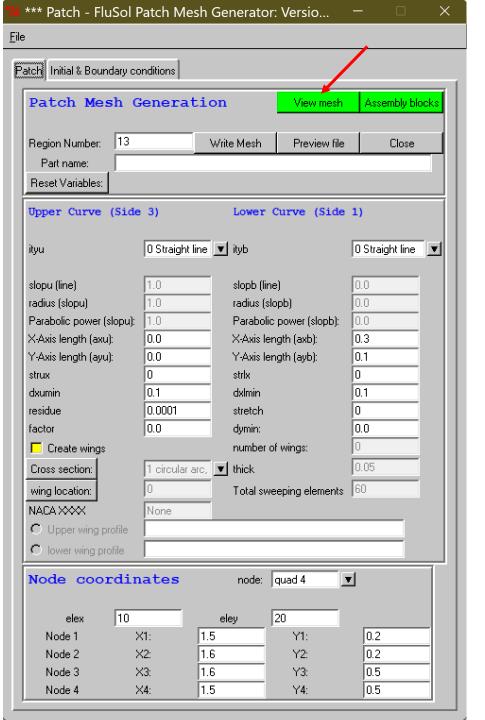


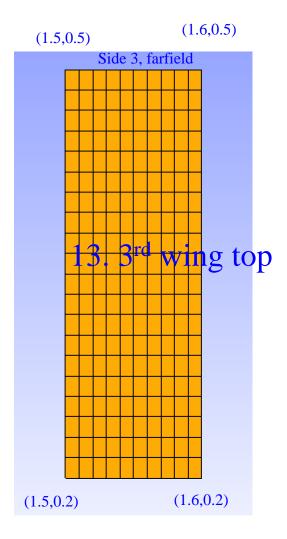


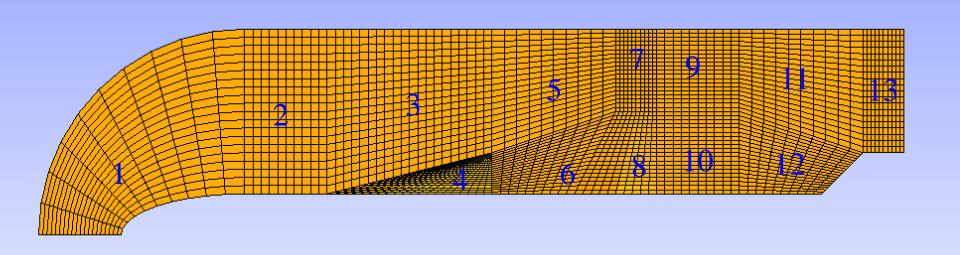


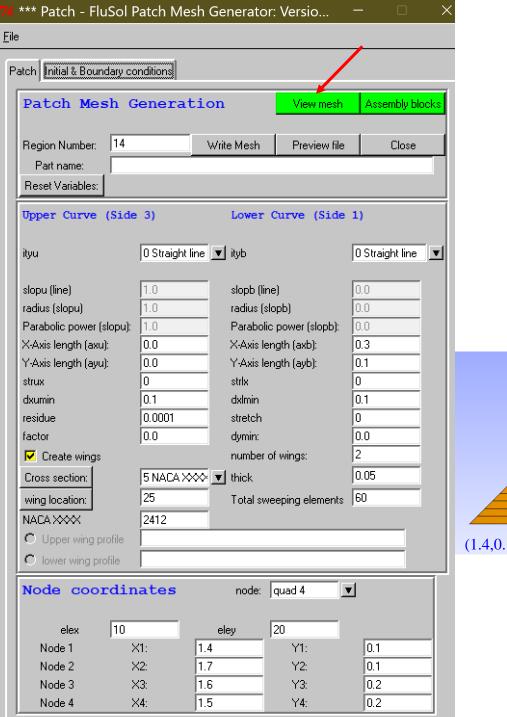


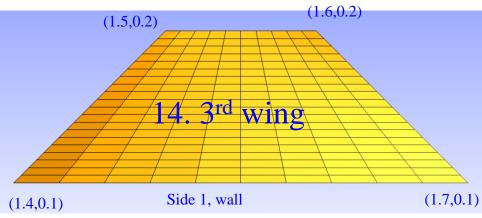


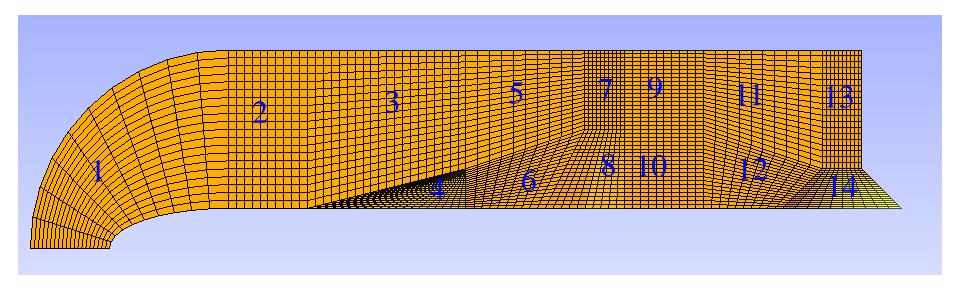


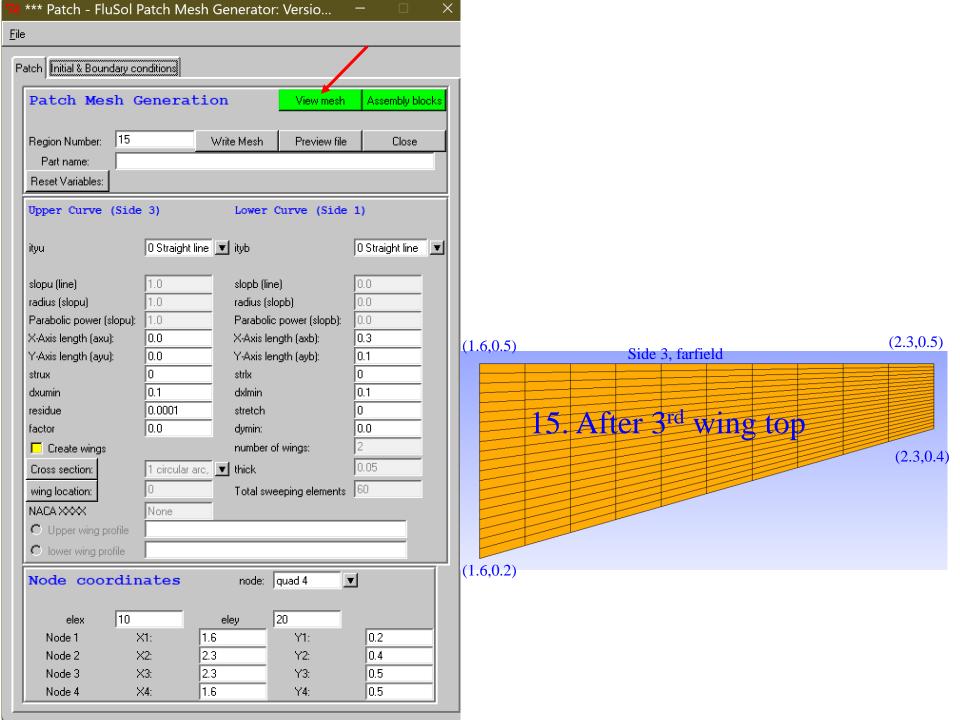


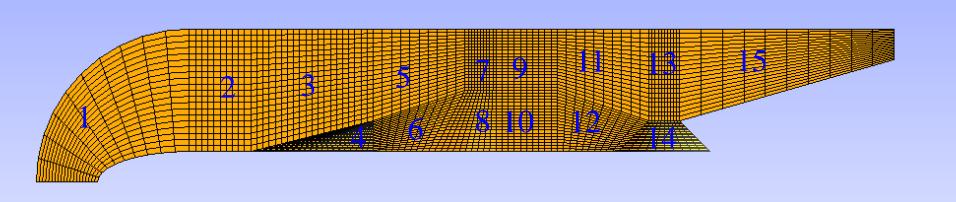


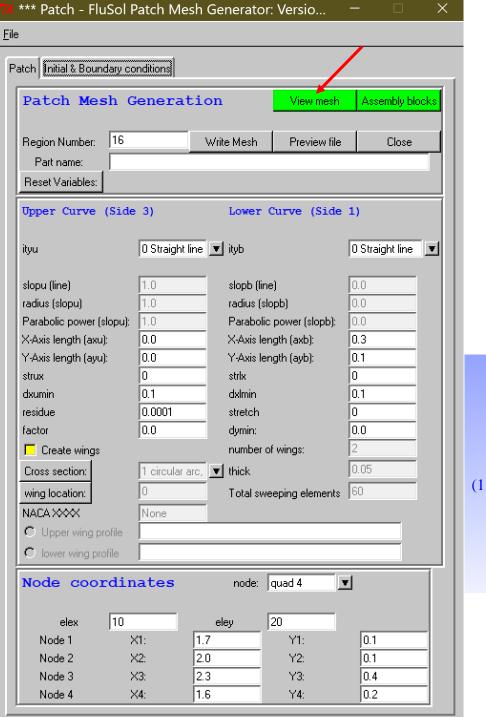


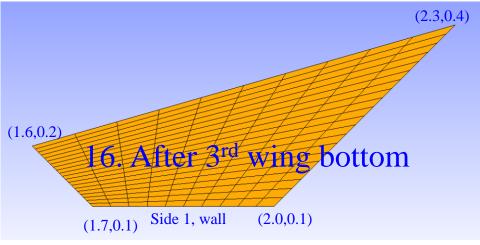


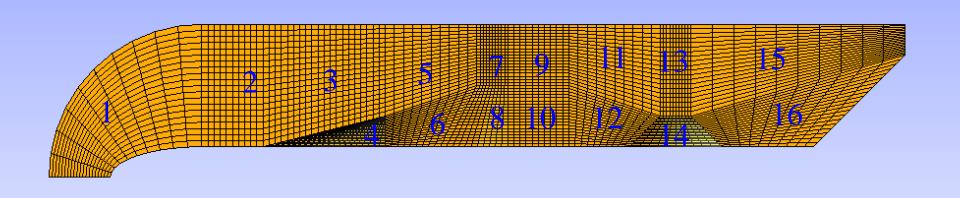


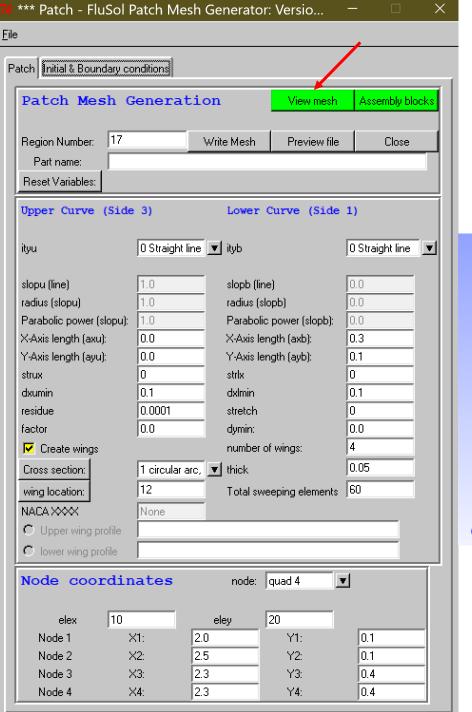


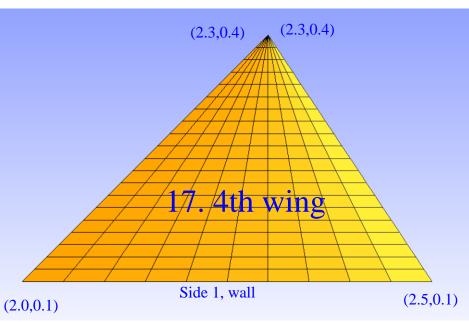


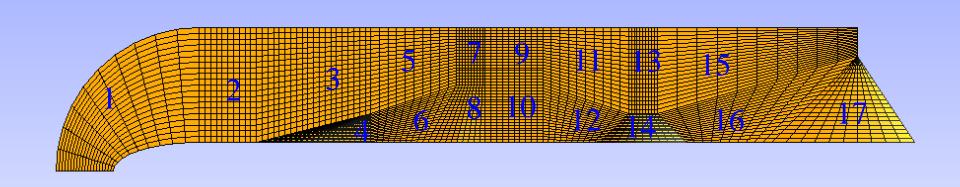


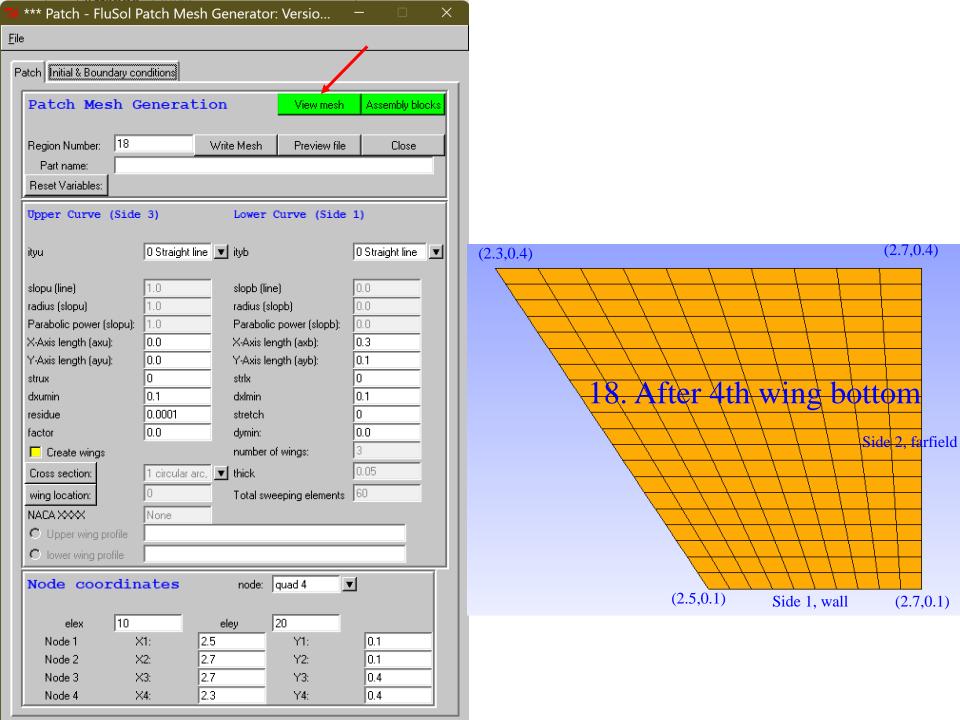


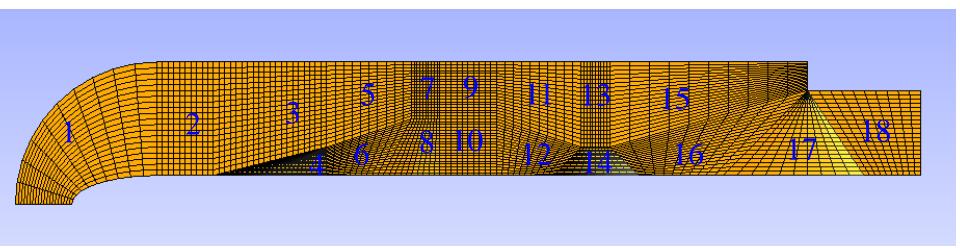


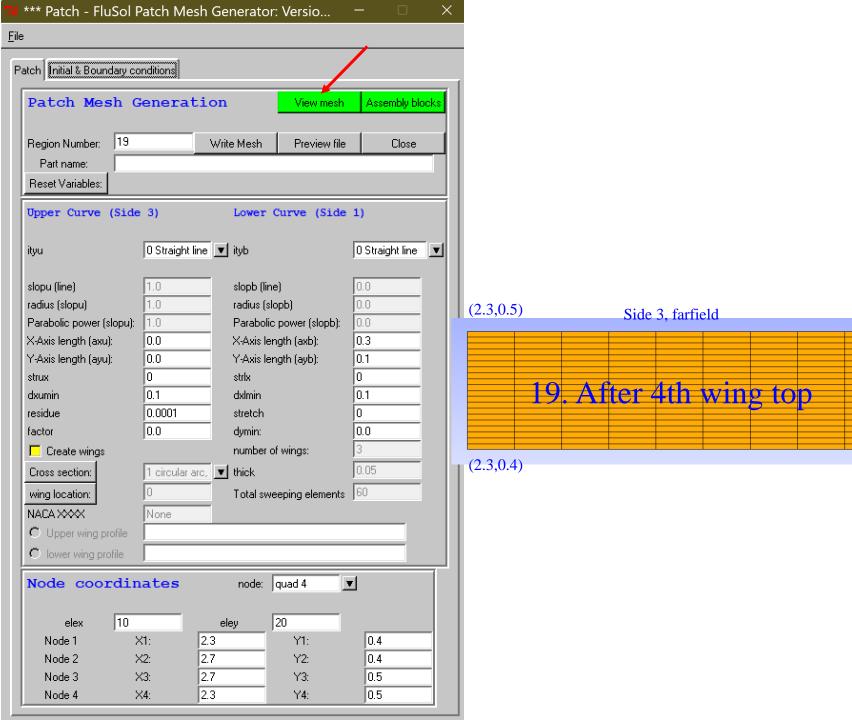








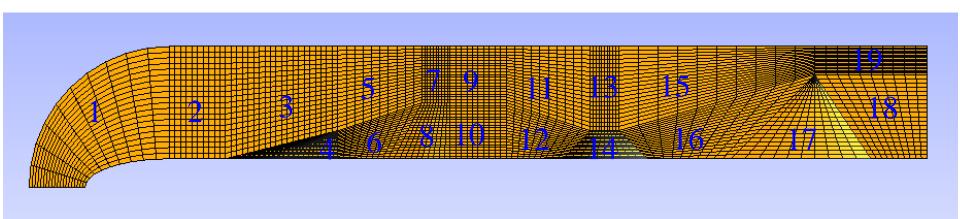


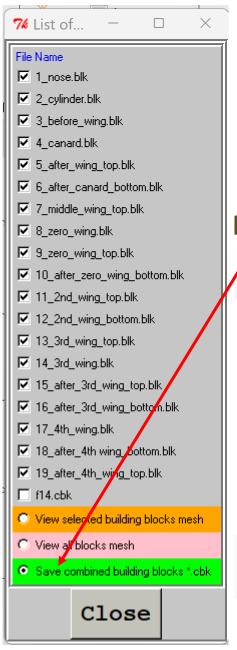


(2.7,0.5)

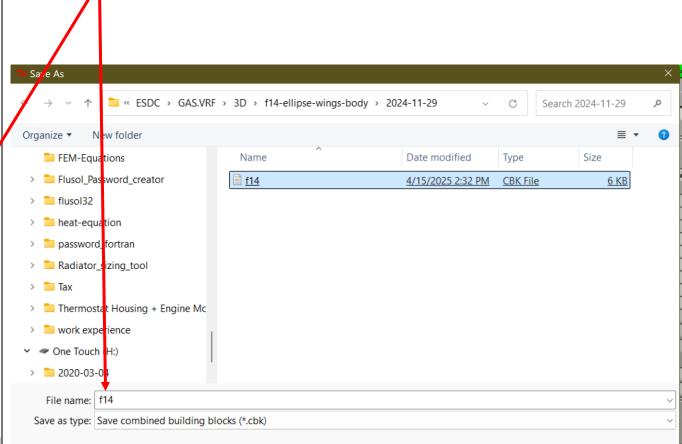
Sid

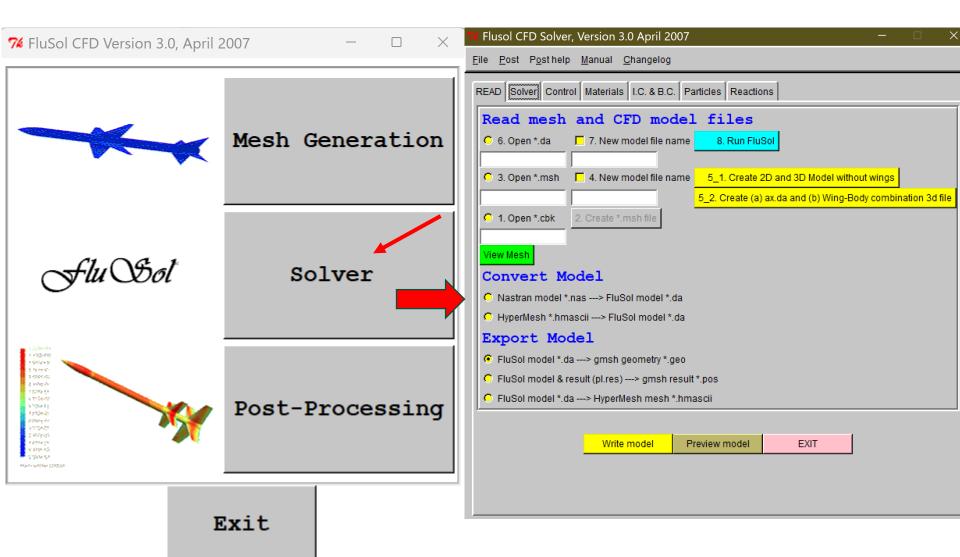
(2.7, 0.4)

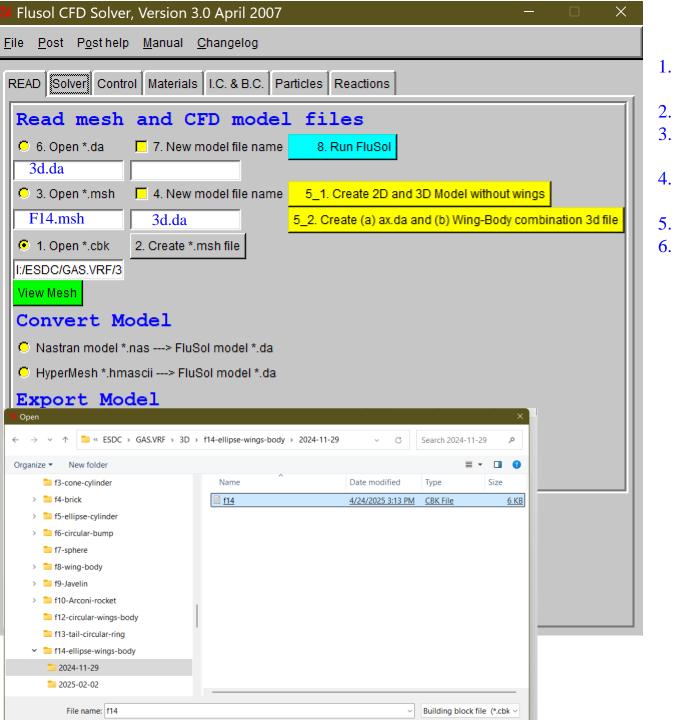




- 1. Select all .blk file and save as a single file
- 2. F14.cbk is the file name to store all .blk files





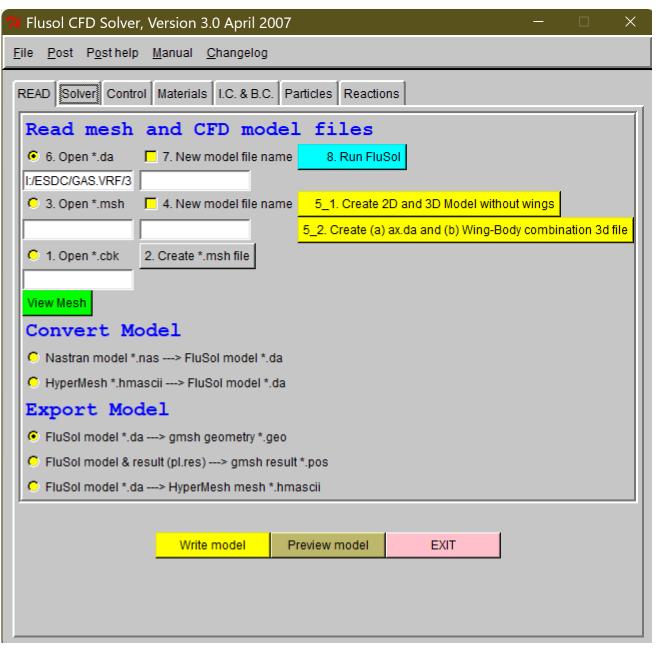


the f14.cbk file Click "2.Create \*.msh file"

Click "1. Open \*.cbk" to open

- Click "3. Open \*.msh file" to select f14.msh file
- Click "4. new model file name" to give 3d.da file name
- Then FluSol will generate a 3d.da CFD model file

Click "5 2 Create"



- 1. Click "6. Open \*.da" to open the 3d.da file
- 2. Click "View Mesh" to see the farfield and solid wall pictures

▲ gmsh\_wall.geo

🗘 Gmsh

Ge Options...

<u>F</u>ile

Tools Help

Clipping Planes

Message Console

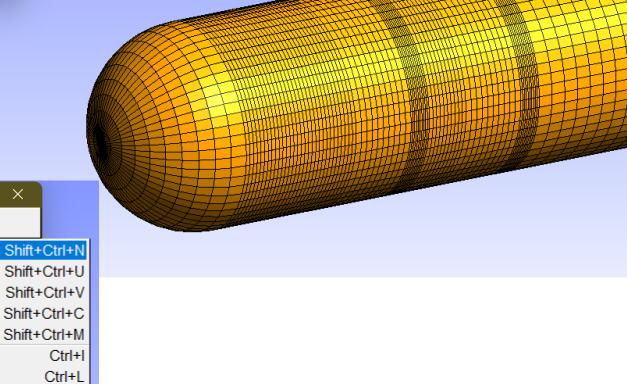
Manipulator

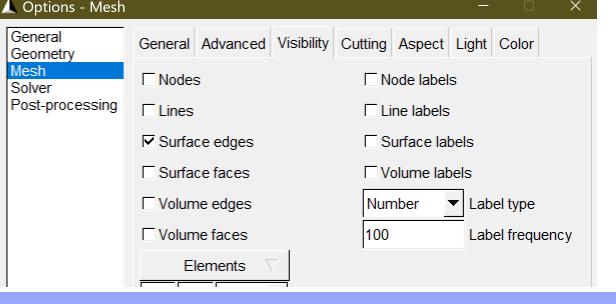
Statistics

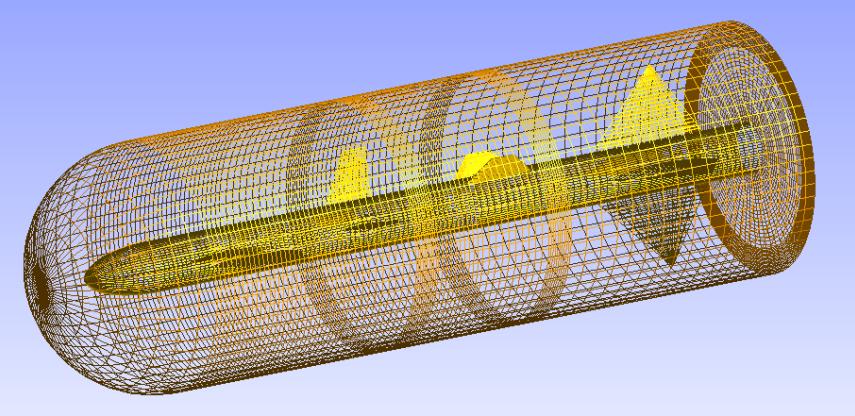
Plugins...

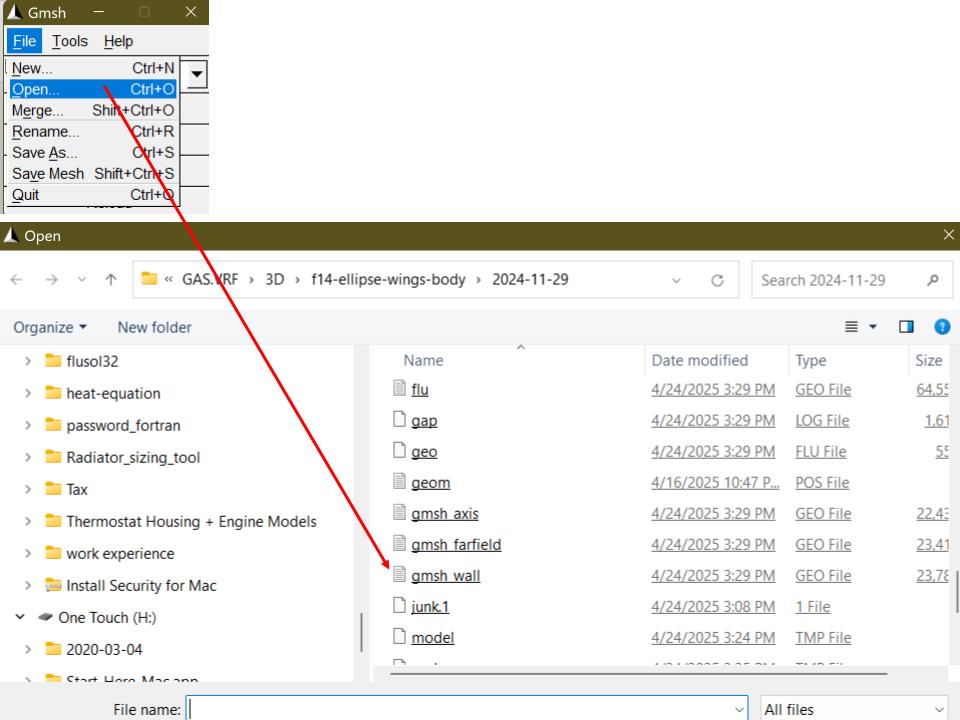
<u>Visibility</u>

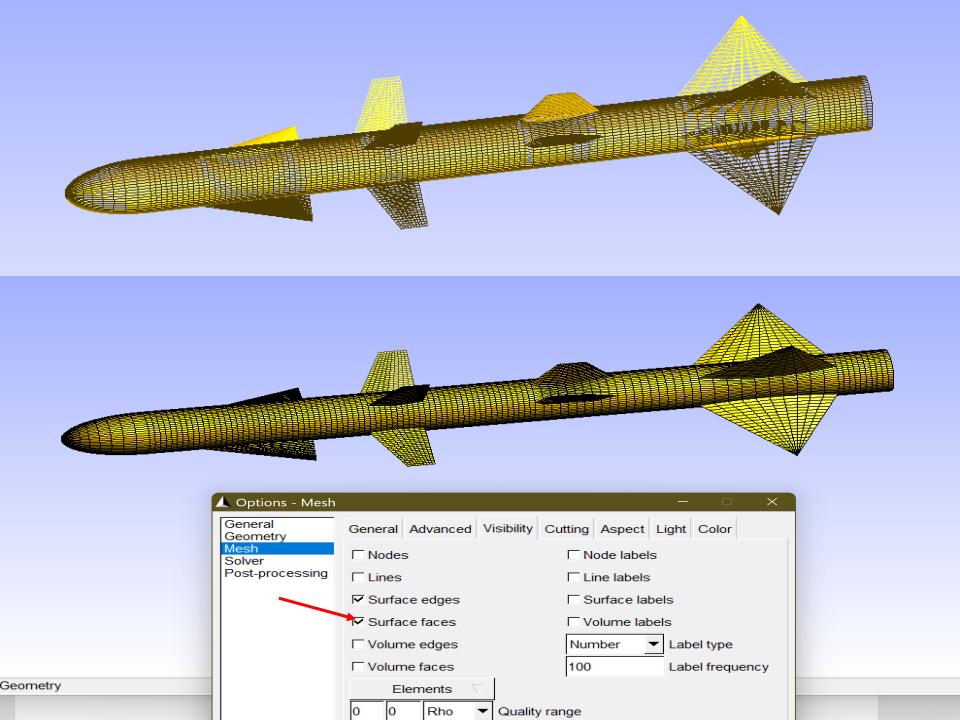


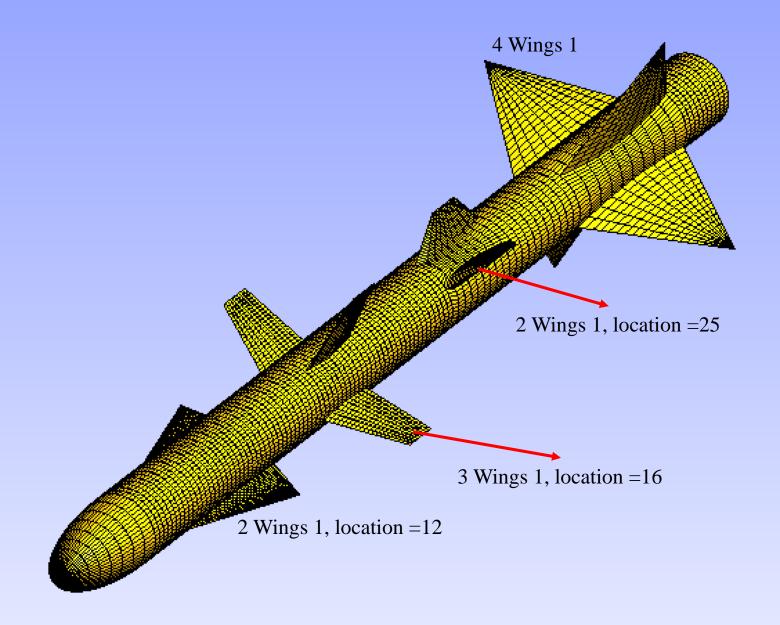


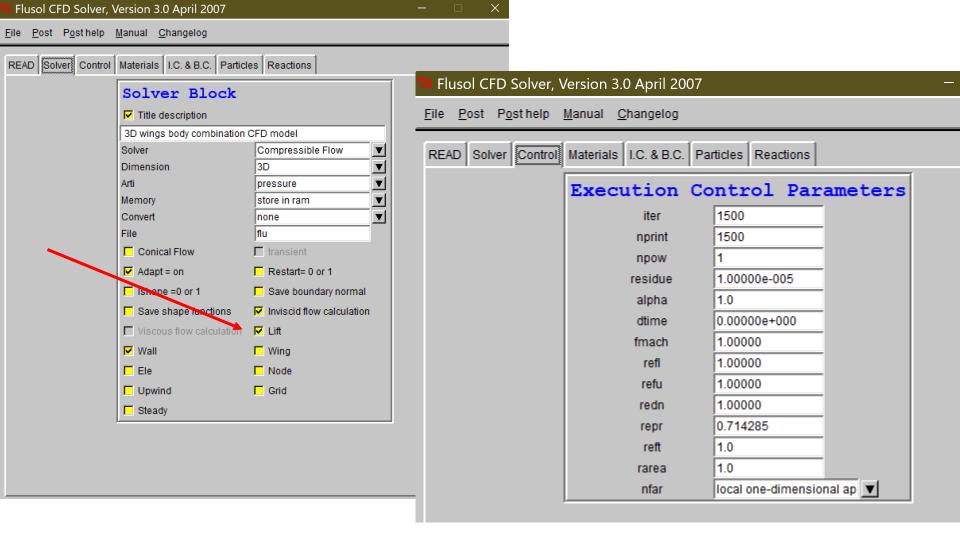


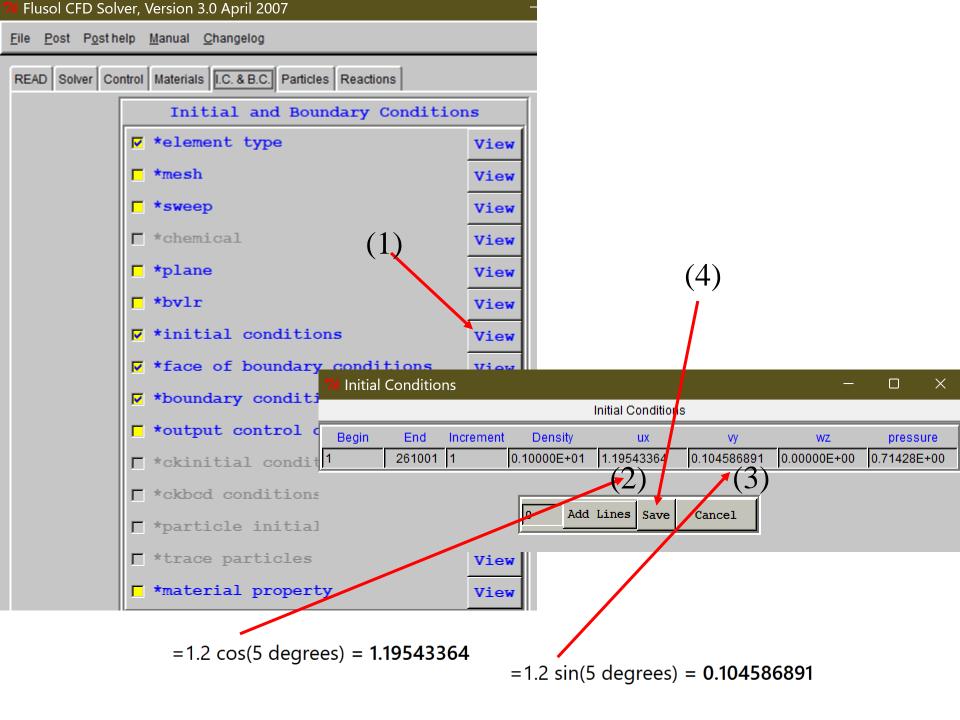


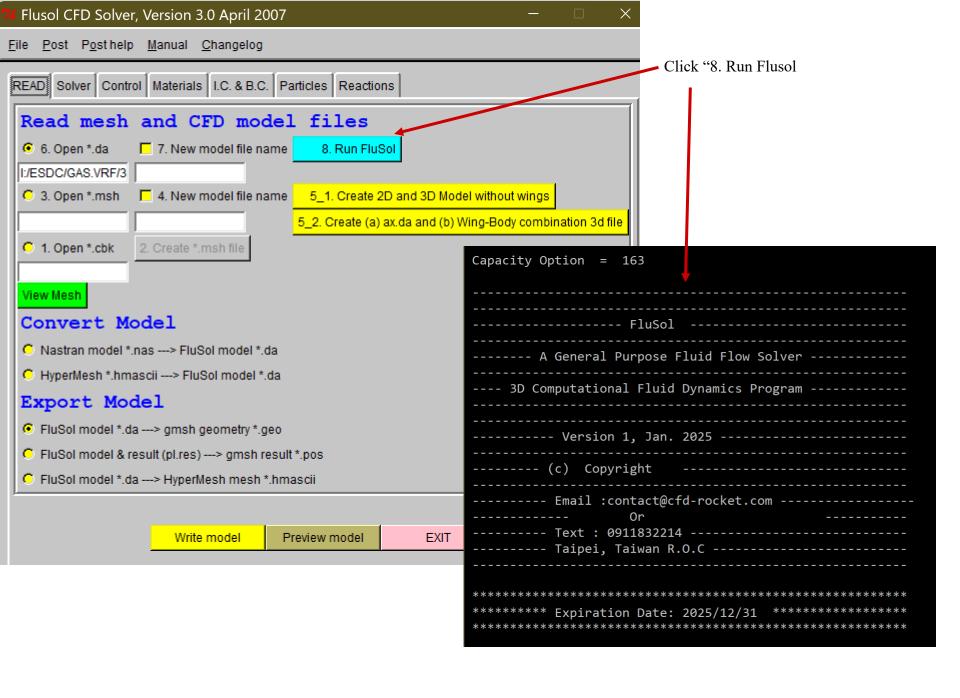


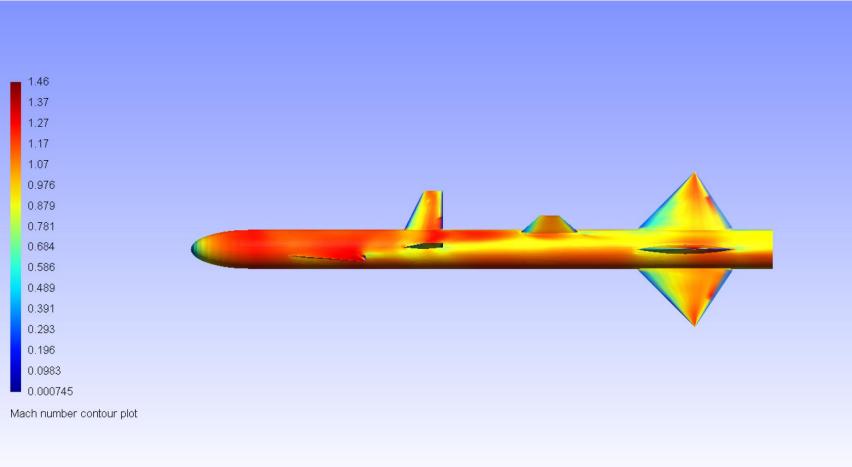








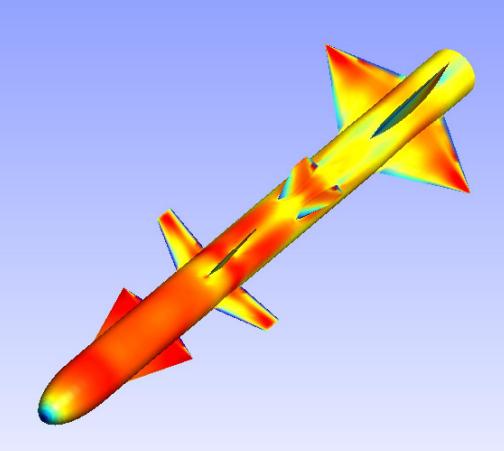




1.46 1.37 1.27 1.17 1.07 0.976 0.879 0.781 0.684 0.586 0.489 0.391 0.293 0.196

0.0983

0.000745



Mach number contour plot

▲ surf\_pressure\_00001500.pos

Pressure contour plot



