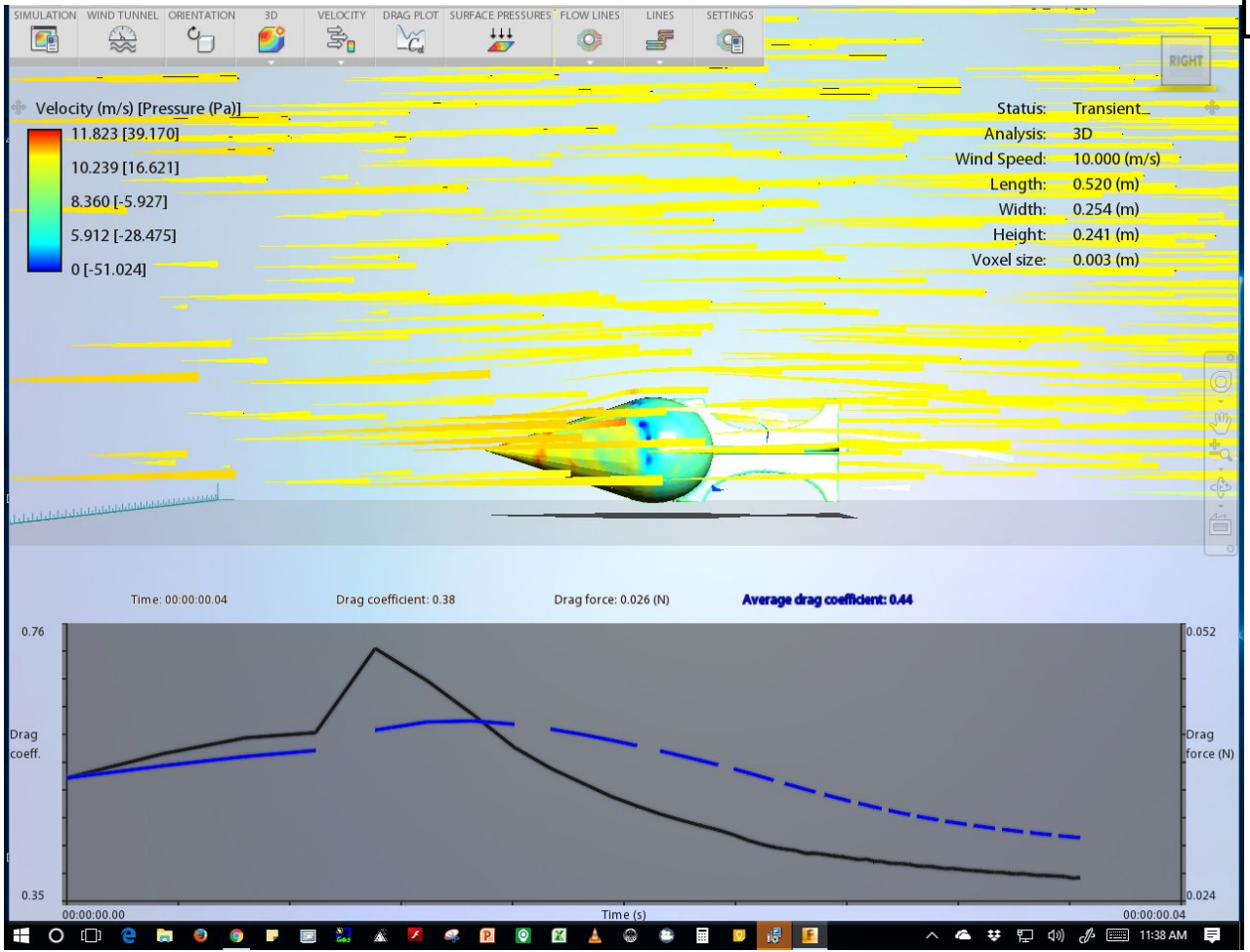
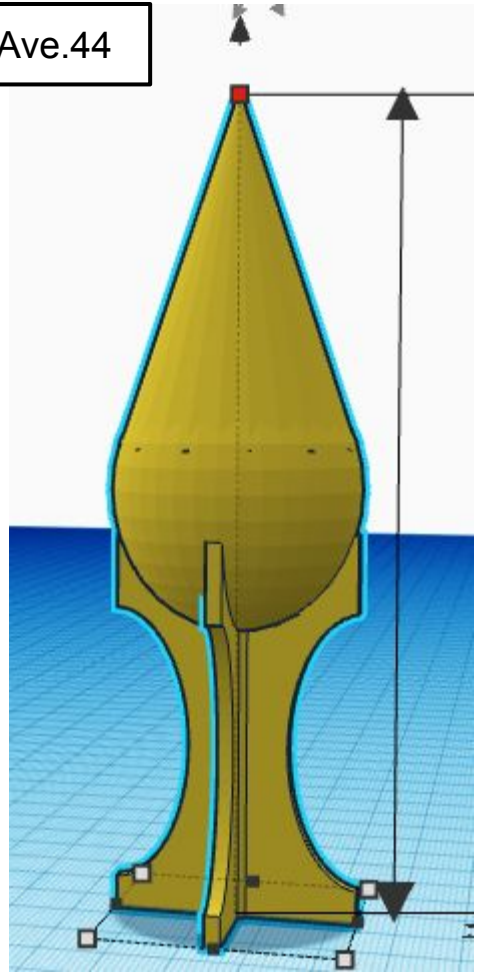
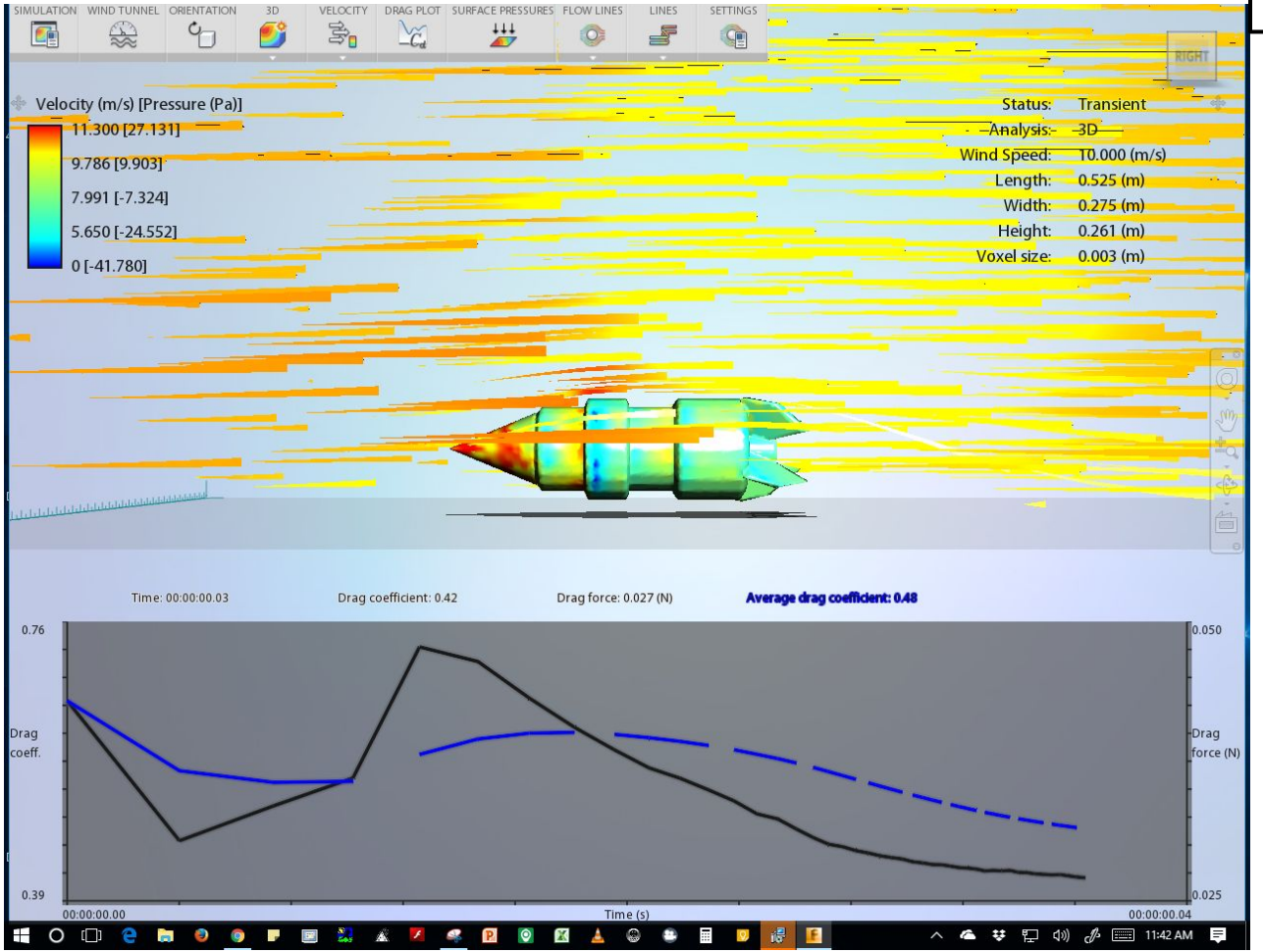
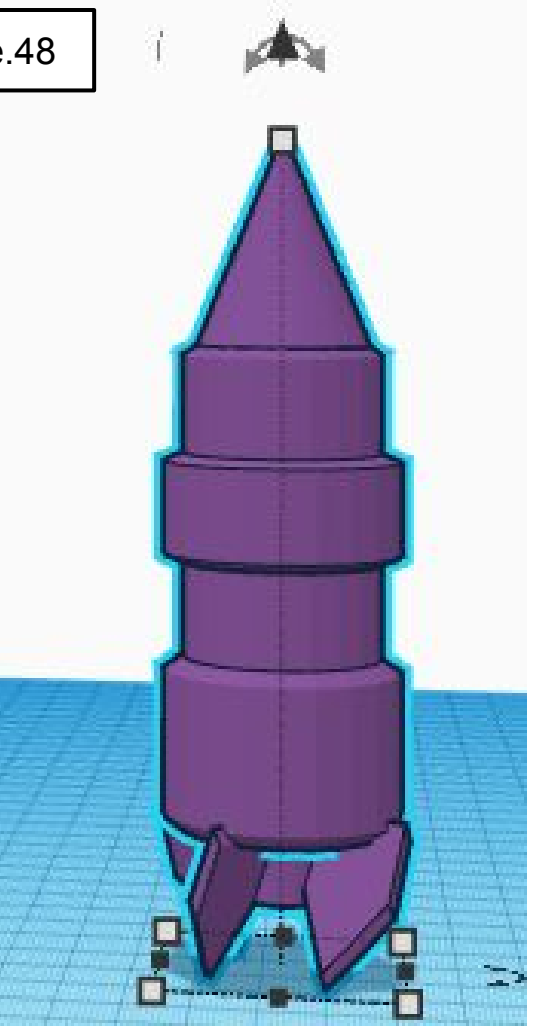
Ave.44


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.823 [39.170]
10.239 [16.621]
8.360 [-5.927]
5.912 [-28.475]
0 [-51.024]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.520 (m)
Width: 0.254 (m)
Height: 0.241 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.38
Drag force: 0.026 (N)
Average drag coefficient: 0.44
0.76
0.35
Drag coeff.
0.052
0.024
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
11:38 AM

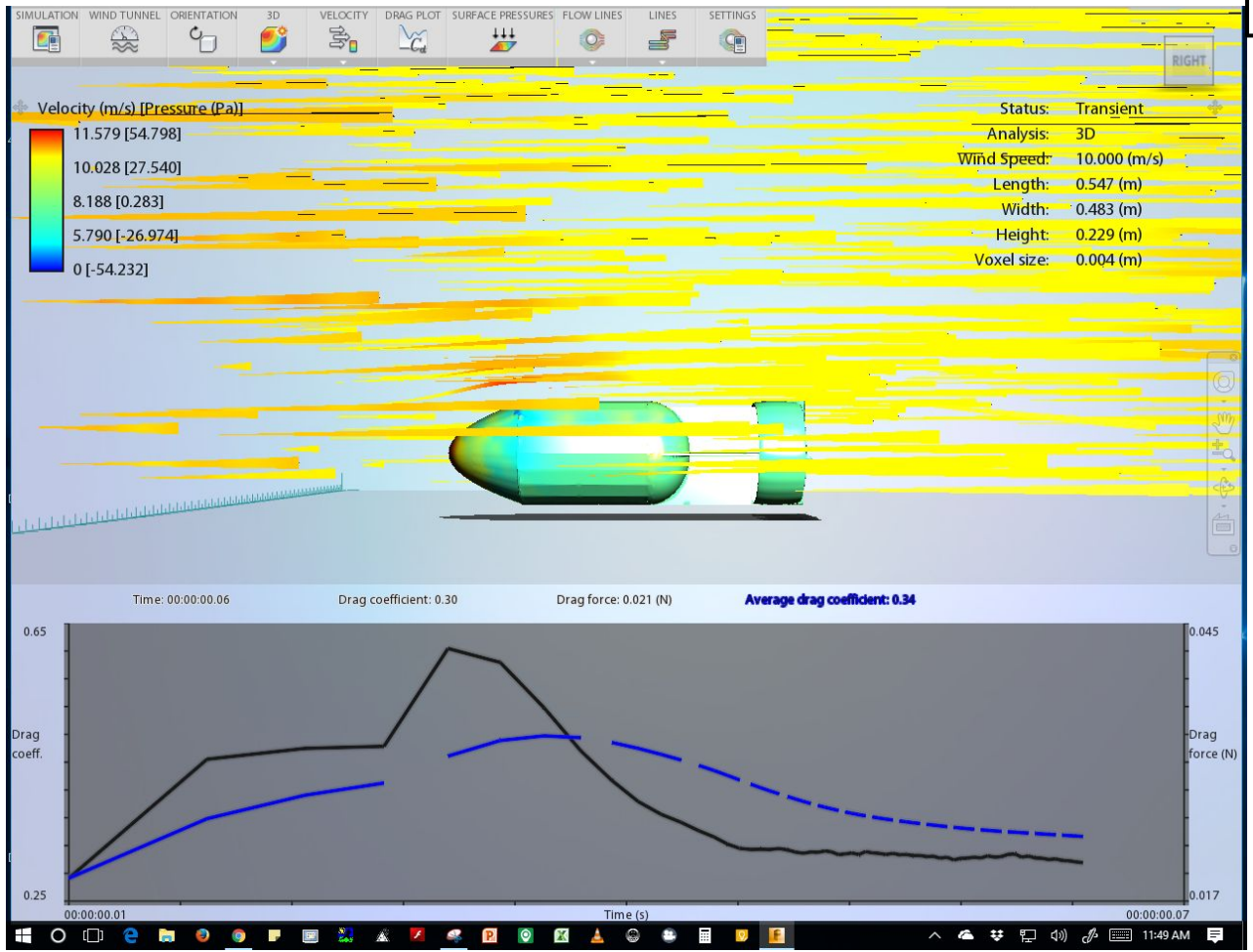


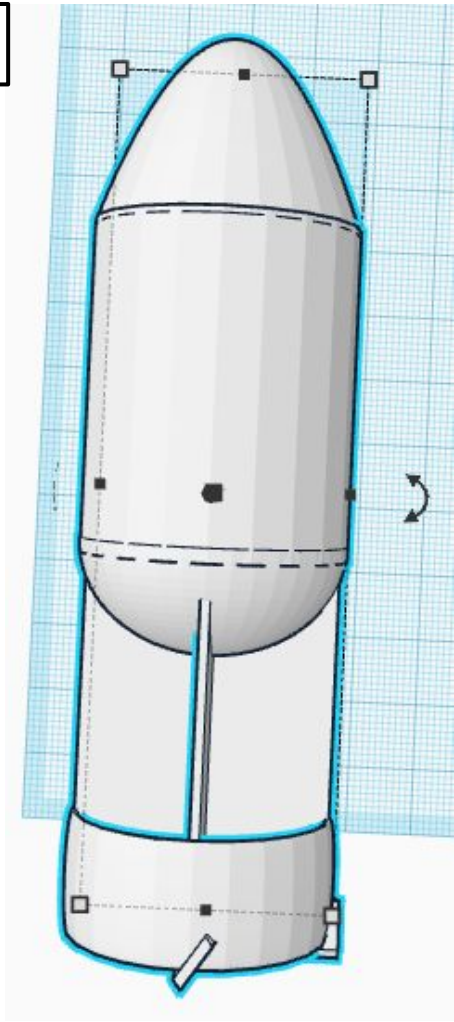
Ave.48


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.300 [27.131]
9.786 [9.903]
7.991 [-7.324]
5.650 [-24.552]
0 [-41.780]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.525 (m)
Width: 0.275 (m)
Height: 0.261 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.03
Drag coefficient: 0.42
Drag force: 0.027 (N)
Average drag coefficient: 0.48
0.76
0.39
Drag coeff.
0.050
0.025
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
11:42 AM

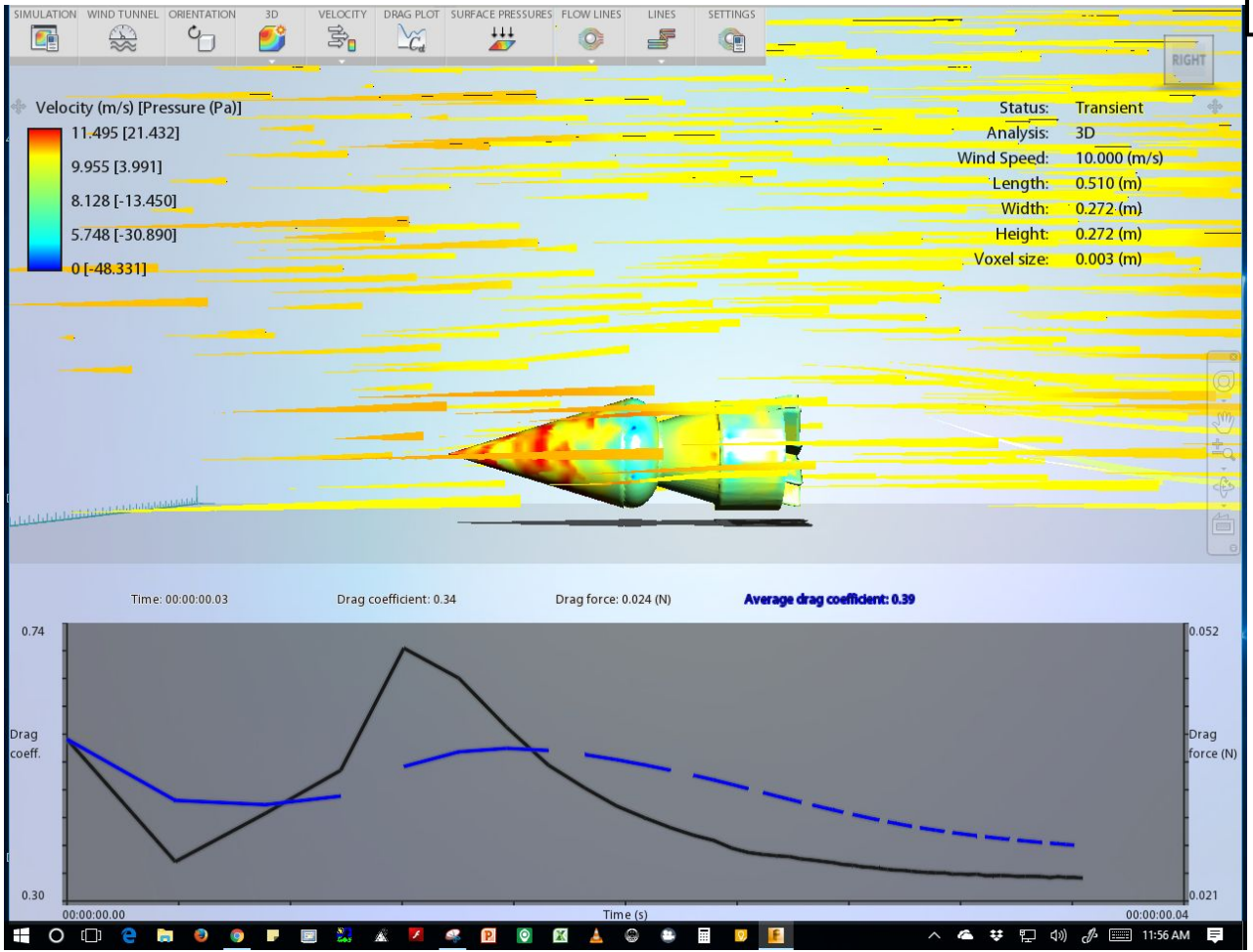


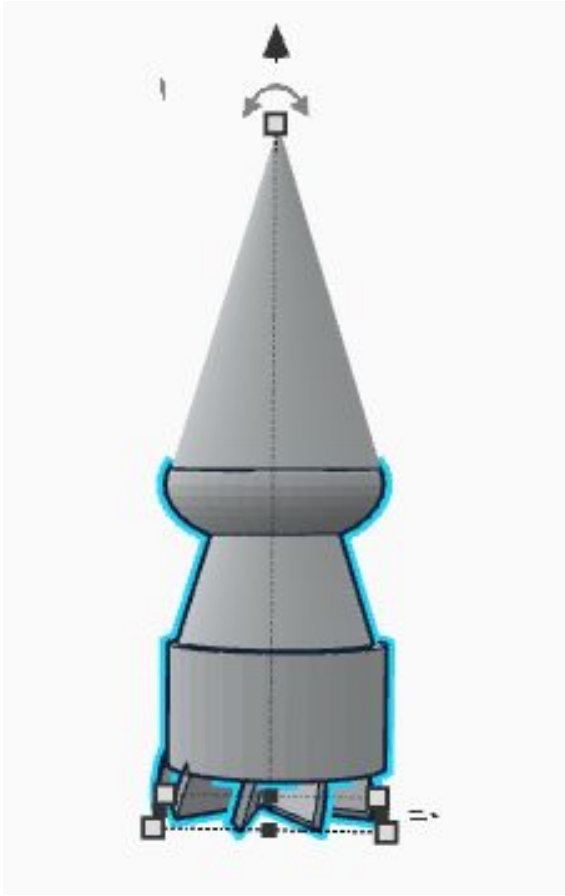
Ave.34


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.579 [54.798]
10.028 [27.540]
8.188 [0.283]
5.790 [-26.974]
0 [-54.232]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.547 (m)
Width: 0.483 (m)
Height: 0.229 (m)
Voxel size: 0.004 (m)
Time: 00:00:00.06
Drag coefficient: 0.30
Drag force: 0.021 (N)
Average drag coefficient: 0.34
0.65
0.25
Drag coeff.
0.045
0.017
Drag force (N)
00:00:00.01
Time (s)
00:00:00.07
11:49 AM

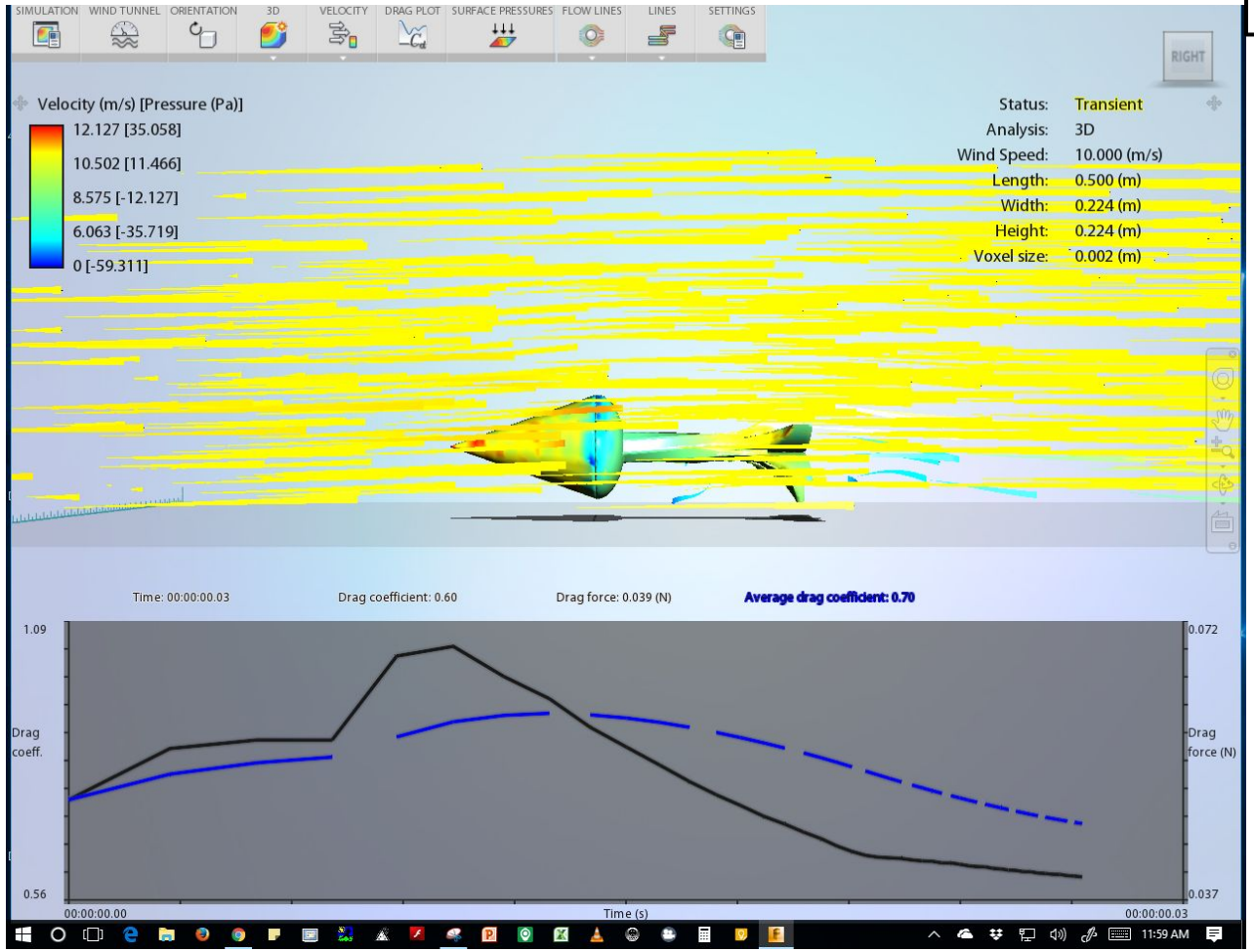


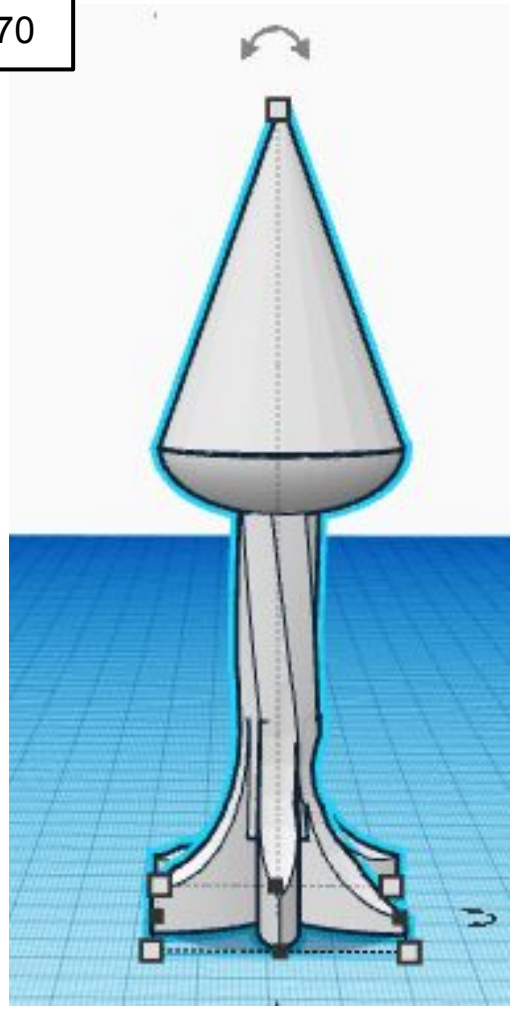
Ave.39


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.495 [21.432]
9.955 [3.991]
8.128 [-13.450]
5.748 [-30.890]
0 [-48.331]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.510 (m)
Width: 0.272 (m)
Height: 0.272 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.03
Drag coefficient: 0.34
Drag force: 0.024 (N)
Average drag coefficient: 0.39
0.74
0.30
Drag coeff.
0.052
0.021
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
11:56 AM

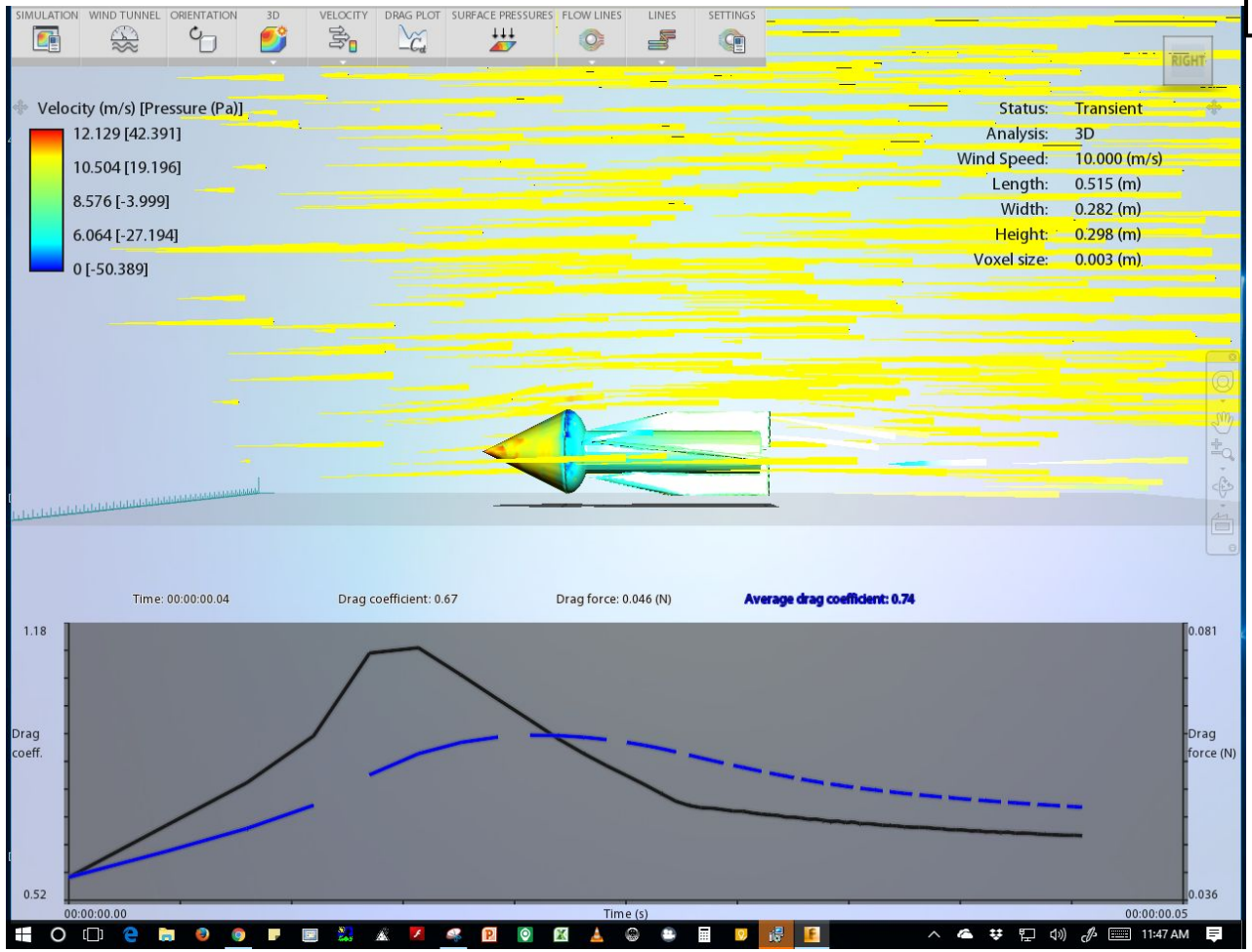


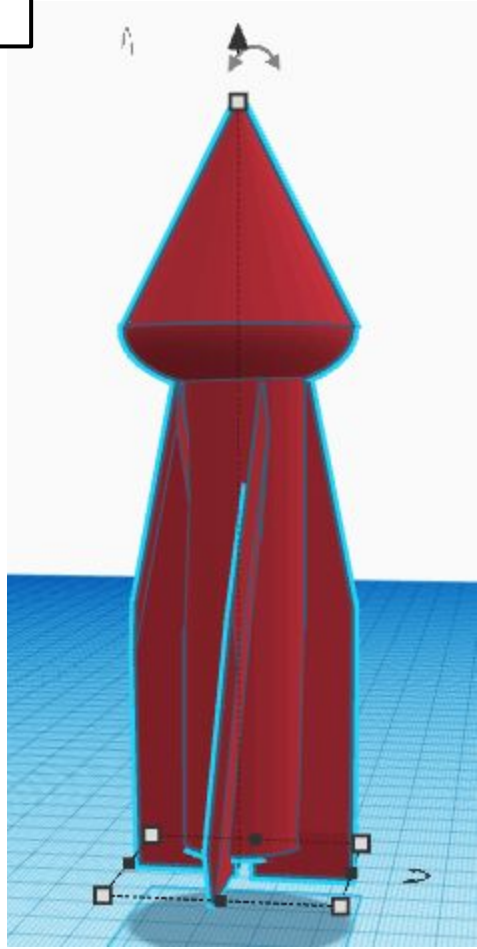
Ave.70


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
12.127 [35.058]
10.502 [11.466]
8.575 [-12.127]
6.063 [-35.719]
0 [-59.311]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.500 (m)
Width: 0.224 (m)
Height: 0.224 (m)
Voxel size: 0.002 (m)
Time: 00:00:00.03
Drag coefficient: 0.60
Drag force: 0.039 (N)
Average drag coefficient: 0.70
1.09
0.56
Drag coeff.
0.072
0.037
Drag force (N)
00:00:00.00
Time (s)
00:00:00.03
11:59 AM

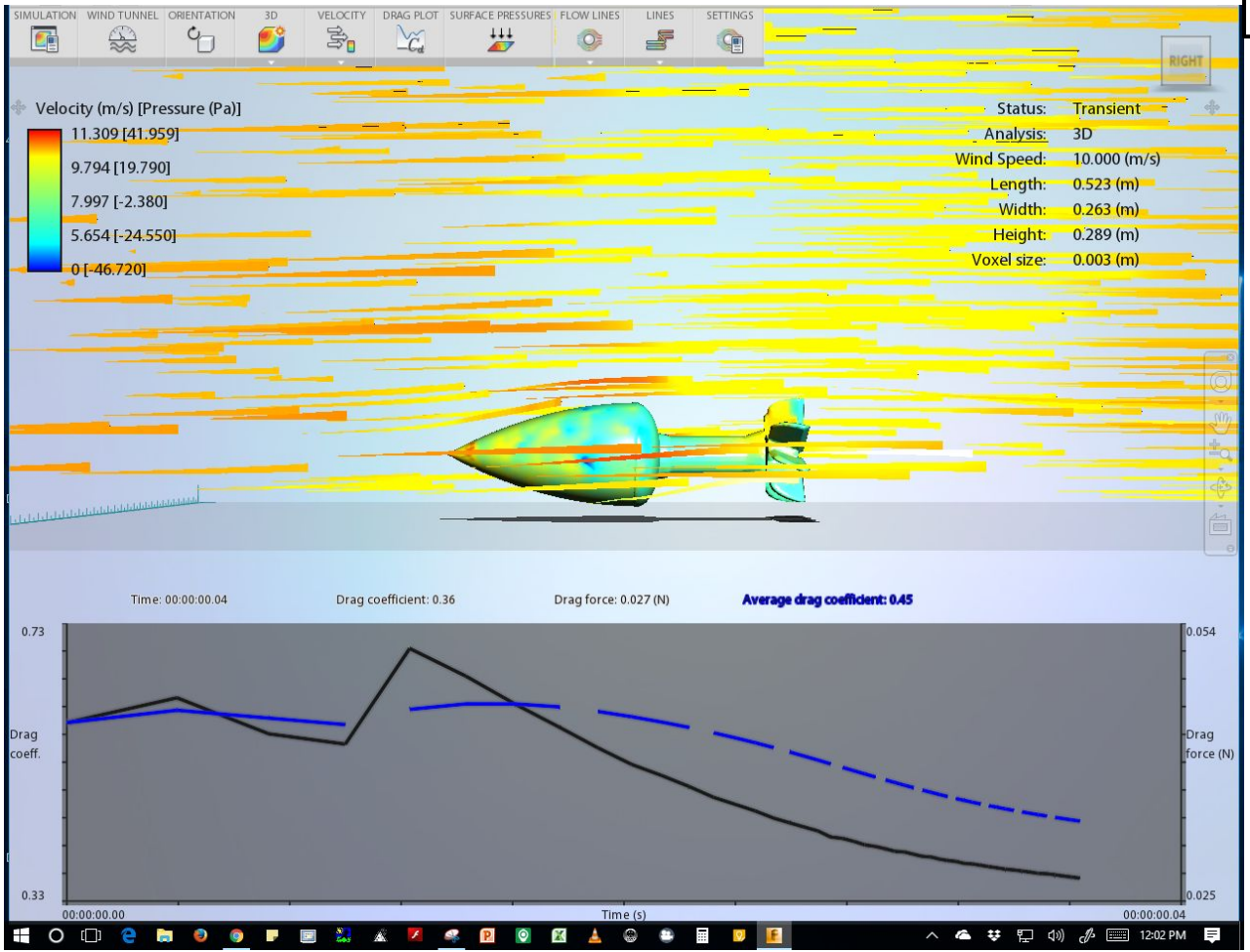


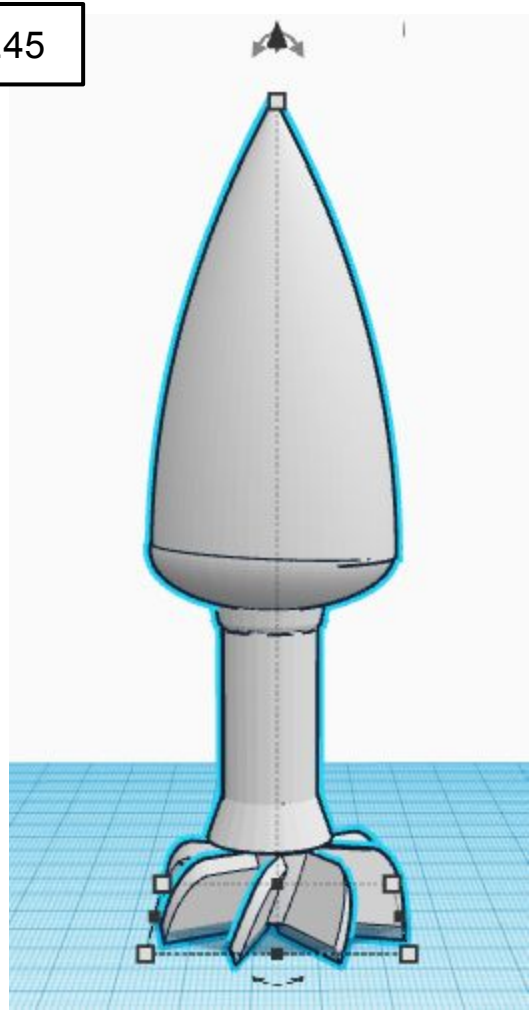
Ave.74


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
12.129 [42.391]
10.504 [19.196]
8.576 [-3.999]
6.064 [-27.194]
0 [-50.389]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.515 (m)
Width: 0.282 (m)
Height: 0.298 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.67
Drag force: 0.046 (N)
Average drag coefficient: 0.74
1.18
0.52
Drag coeff.
0.081
0.036
Drag force (N)
00:00:00.00
Time (s)
00:00:00.05
11:47 AM

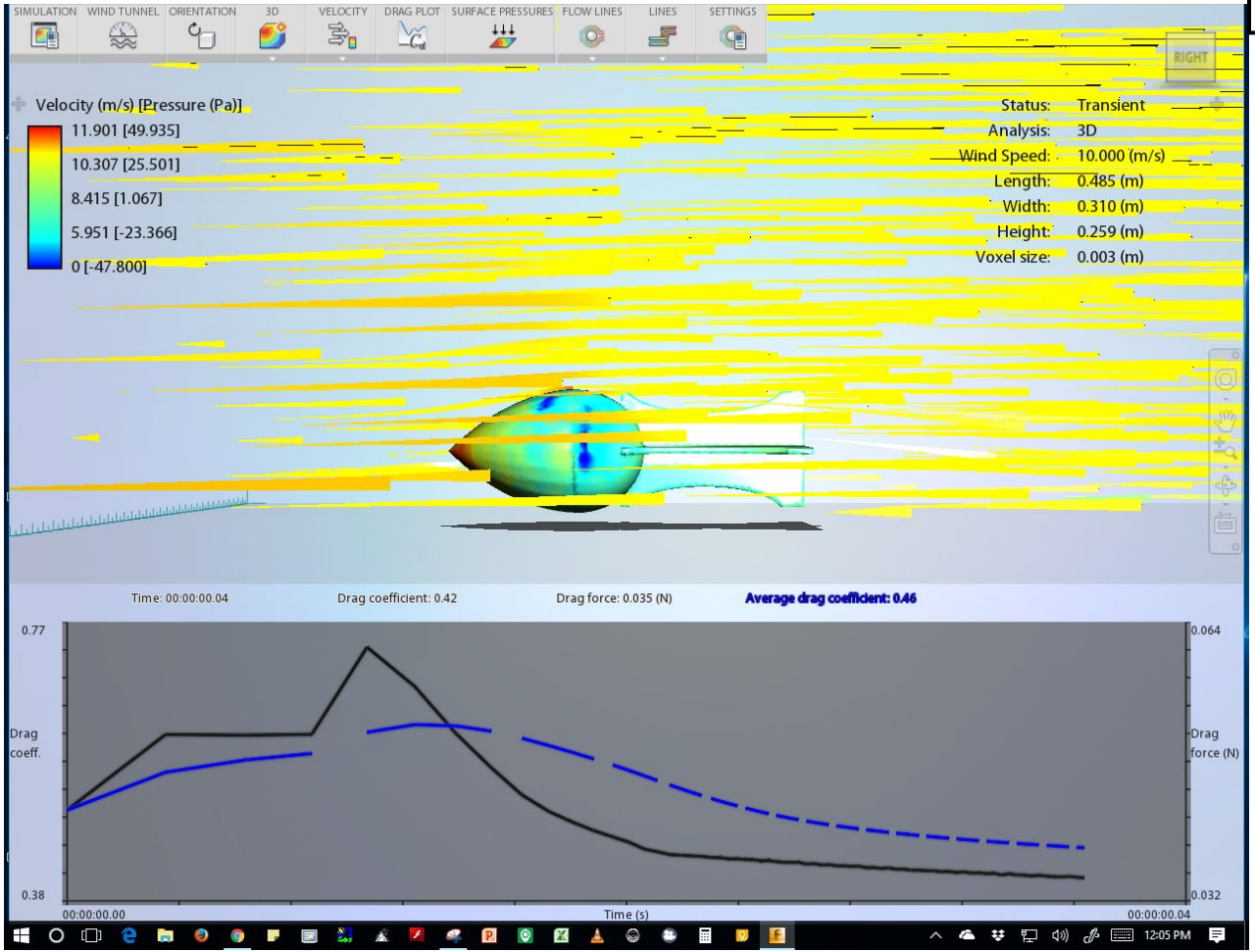


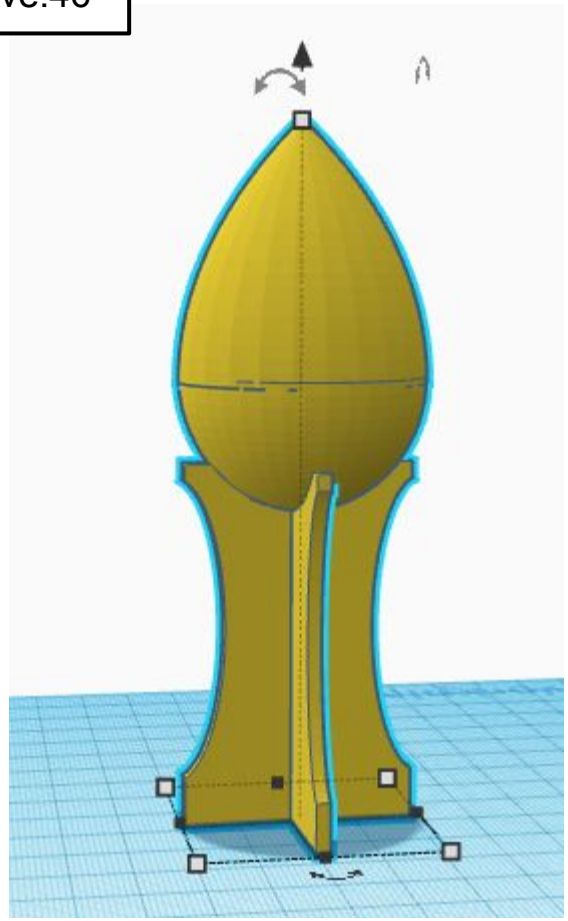
Ave.45


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.309 [41.959]
9.794 [19.790]
7.997 [-2.380]
5.654 [-24.550]
0 [-46.720]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.523 (m)
Width: 0.263 (m)
Height: 0.289 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.36
Drag force: 0.027 (N)
Average drag coefficient: 0.45
0.73
0.33
Drag coeff.
0.054
0.025
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
12:02 PM

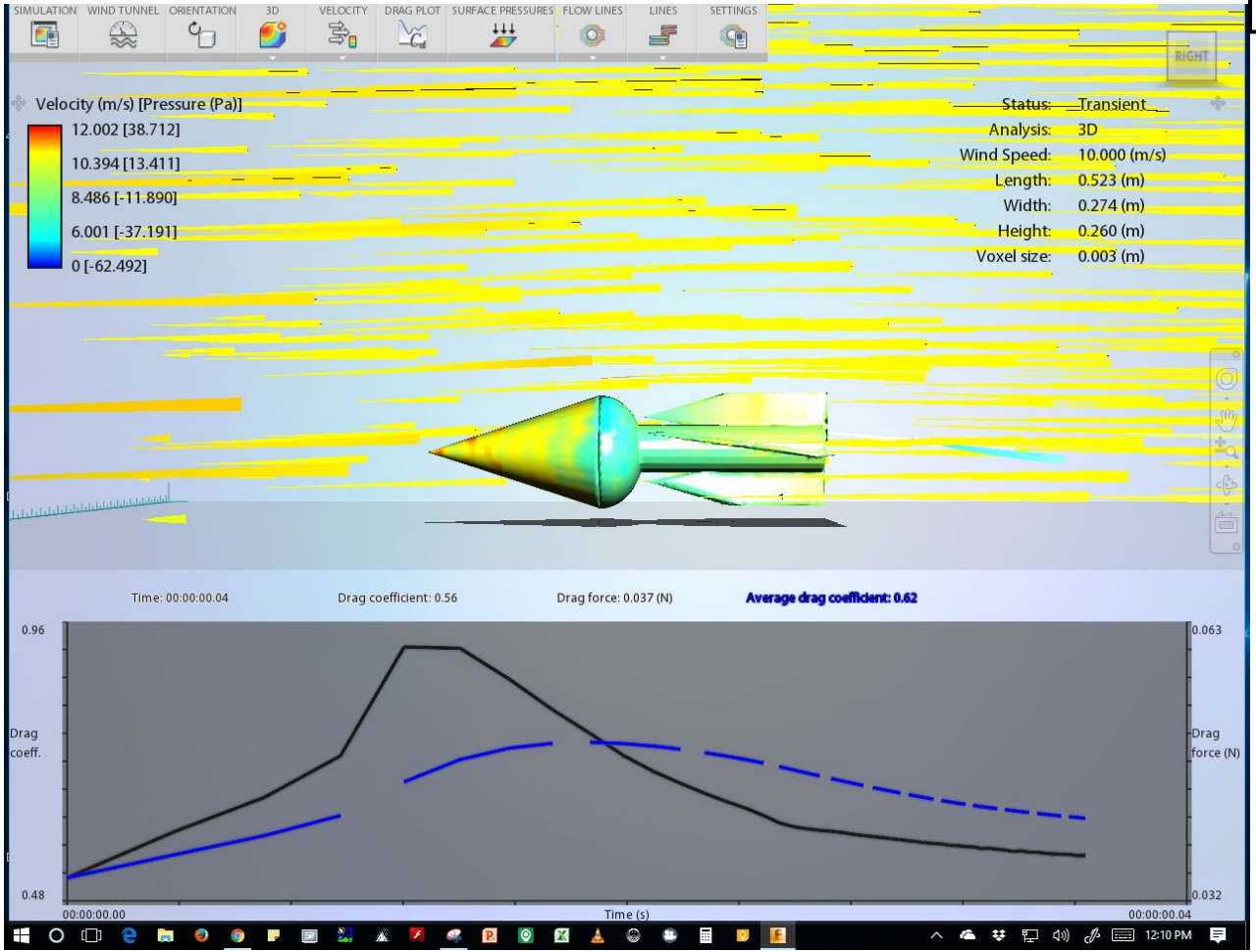


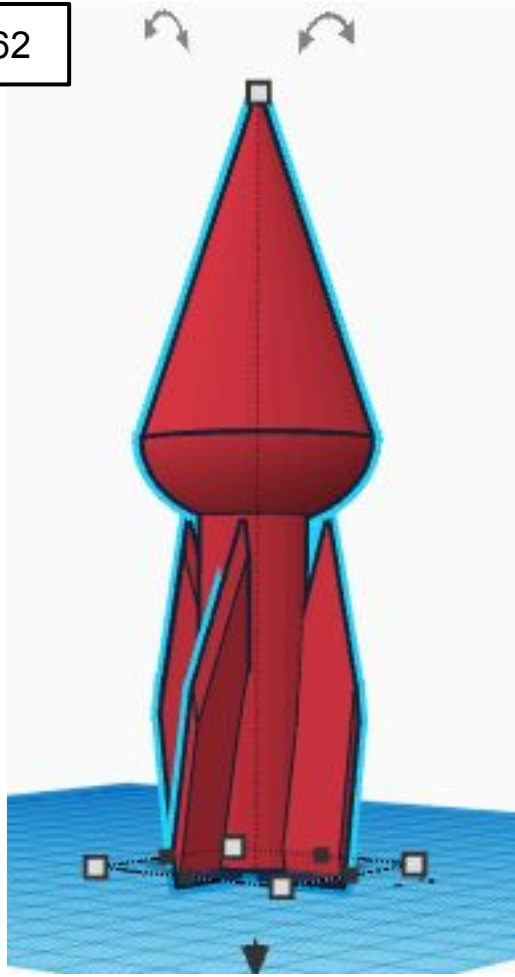
Ave.46


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.901 [49.935]
10.307 [25.501]
8.415 [1.067]
5.951 [-23.366]
0 [-47.800]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.485 (m)
Width: 0.310 (m)
Height: 0.259 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.42
Drag force: 0.035 (N)
Average drag coefficient: 0.46
0.77
0.38
Drag coeff.
0.064
0.032
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
12:05 PM

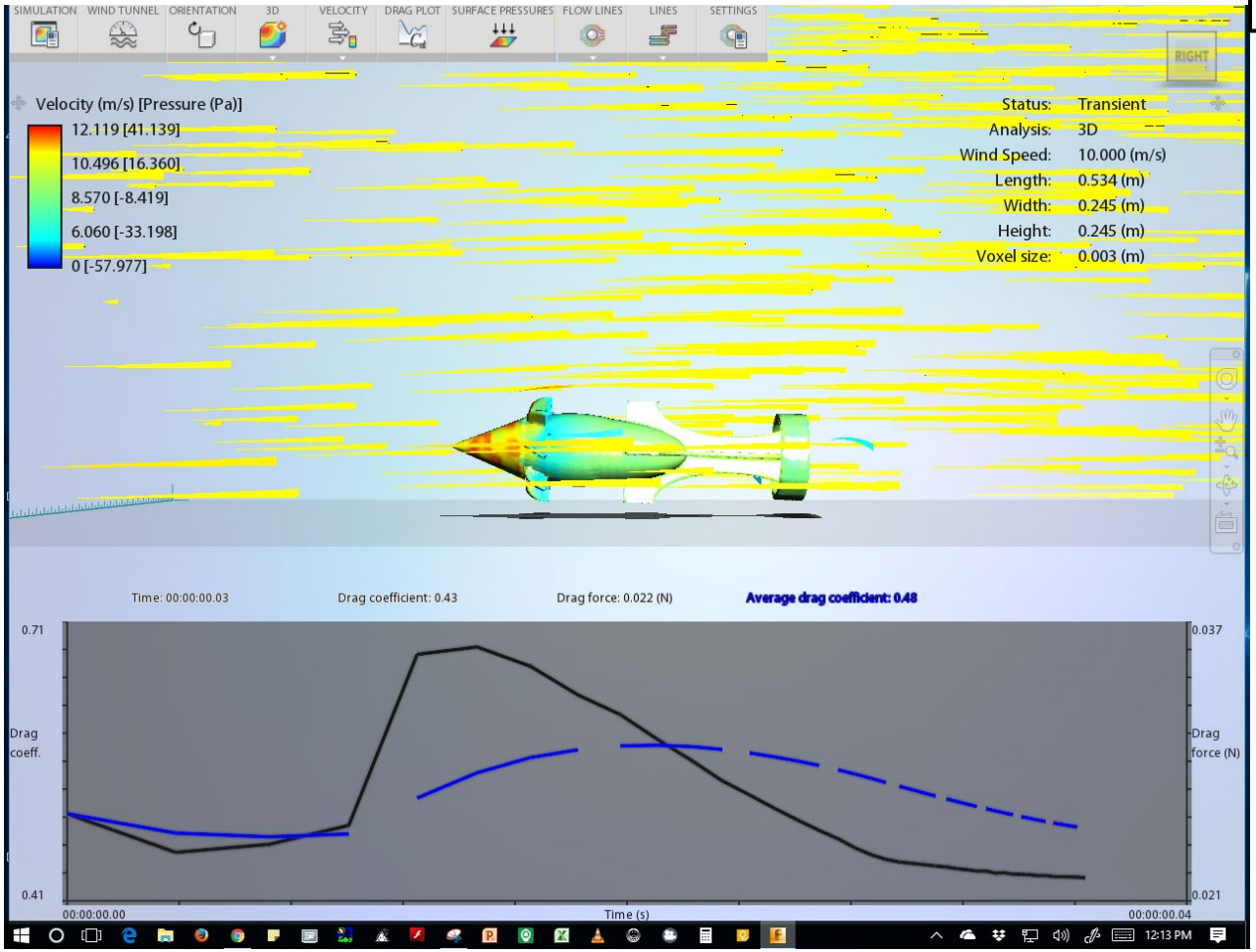


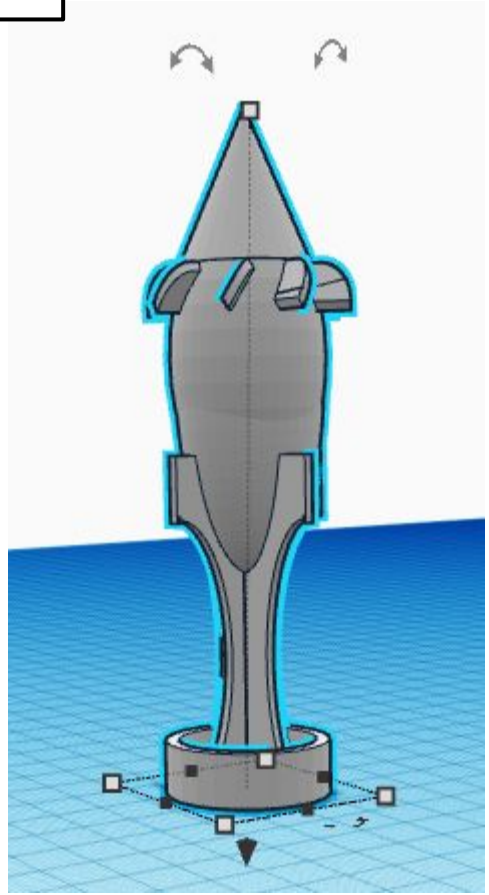
Ave.62


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
12.002 [38.712]
10.394 [13.411]
8.486 [-11.890]
6.001 [-37.191]
0 [-62.492]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.523 (m)
Width: 0.274 (m)
Height: 0.260 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.56
Drag force: 0.037 (N)
Average drag coefficient: 0.62
0.96
0.48
Drag coeff.
0.063
0.032
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
12:10 PM

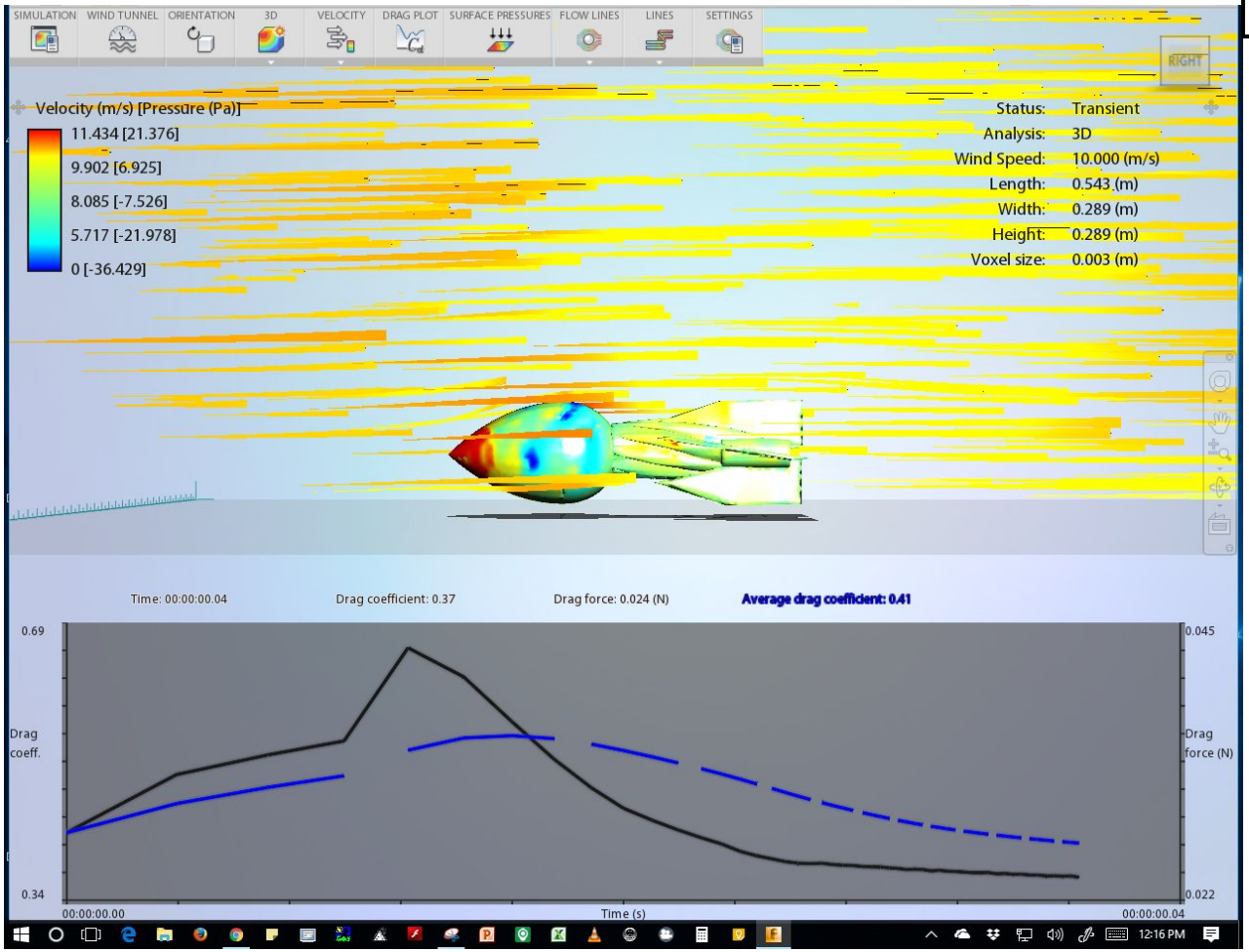


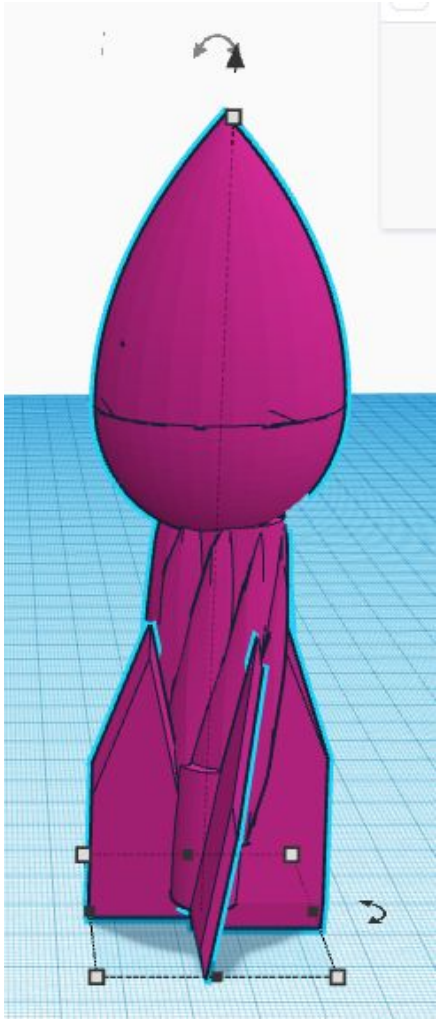
Ave.48


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
12.119 [41.139]
10.496 [16.360]
8.570 [-8.419]
6.060 [-33.198]
0 [-57.977]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.534 (m)
Width: 0.245 (m)
Height: 0.245 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.03
Drag coefficient: 0.43
Drag force: 0.022 (N)
Average drag coefficient: 0.48
0.71
Drag coeff.
0.41
0.037
Drag force (N)
0.021
00:00:00.00
Time (s)
00:00:00.04
12:13 PM

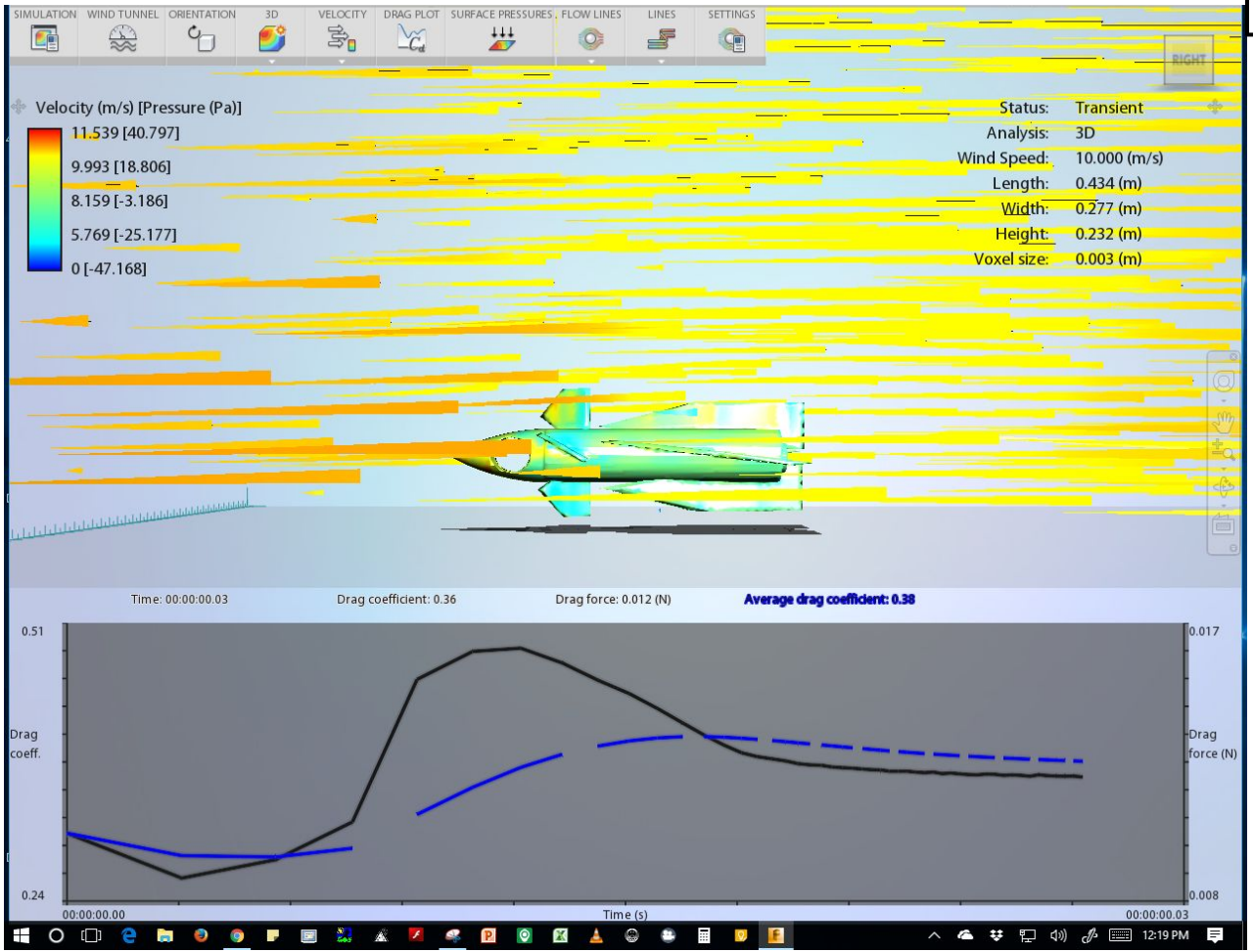


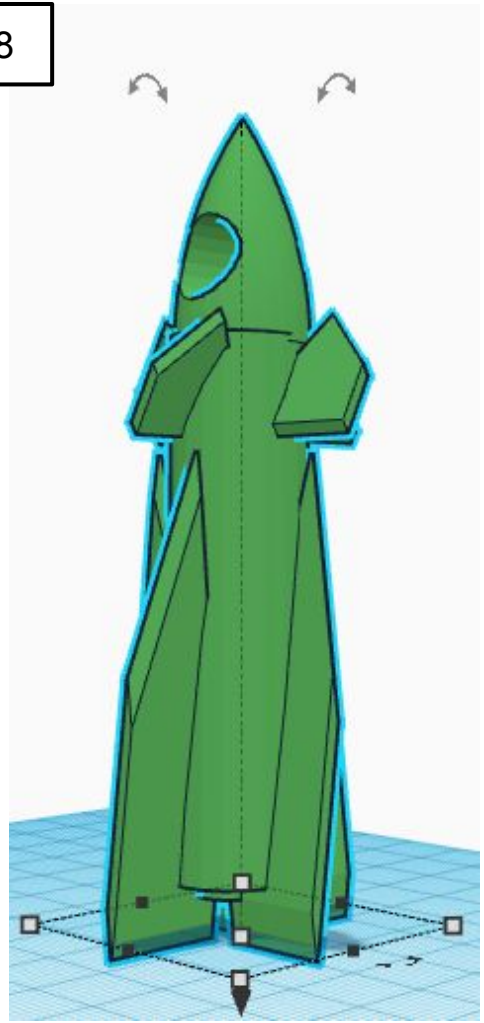
Ave.41


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.434 [21.376]
9.902 [6.925]
8.085 [-7.526]
5.717 [-21.978]
0 [-36.429]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.543 (m)
Width: 0.289 (m)
Height: 0.289 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.37
Drag force: 0.024 (N)
Average drag coefficient: 0.41
0.69
0.34
Drag coeff.
0.045
0.022
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
12:16 PM

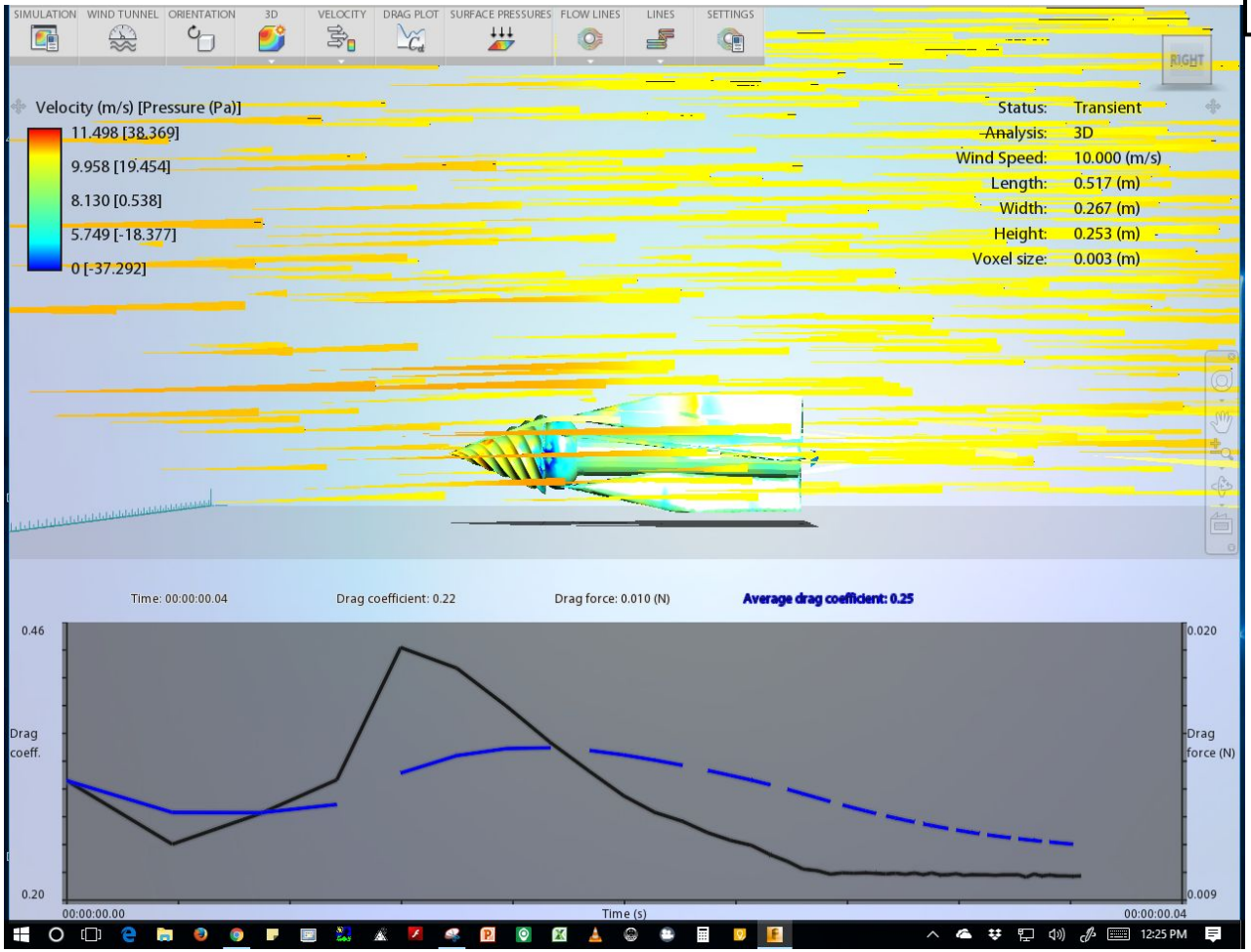


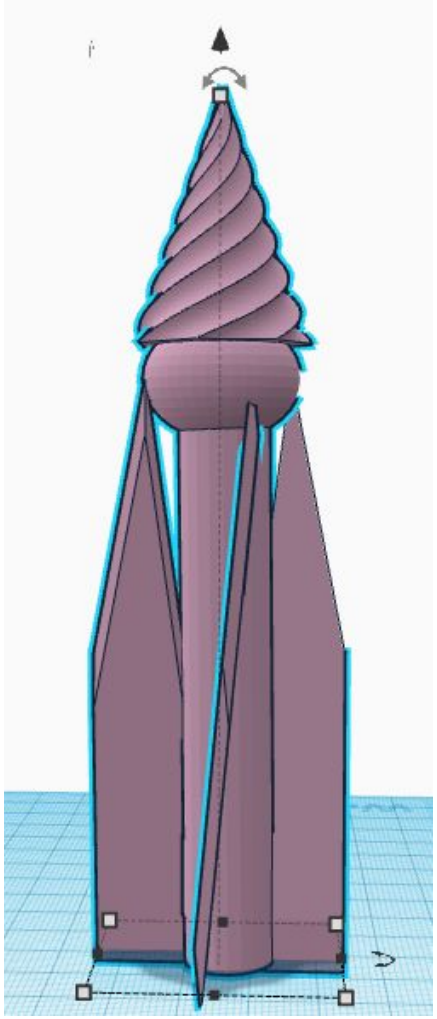
Ave.38


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.539 [40.797]
9.993 [18.806]
8.159 [-3.186]
5.769 [-25.177]
0 [-47.168]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.434 (m)
Width: 0.277 (m)
Height: 0.232 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.03
Drag coefficient: 0.36
Drag force: 0.012 (N)
Average drag coefficient: 0.38
0.51
Drag coeff.
0.24
0.017
Drag force (N)
0.008
00:00:00.00
Time (s)
00:00:00.03
12:19 PM

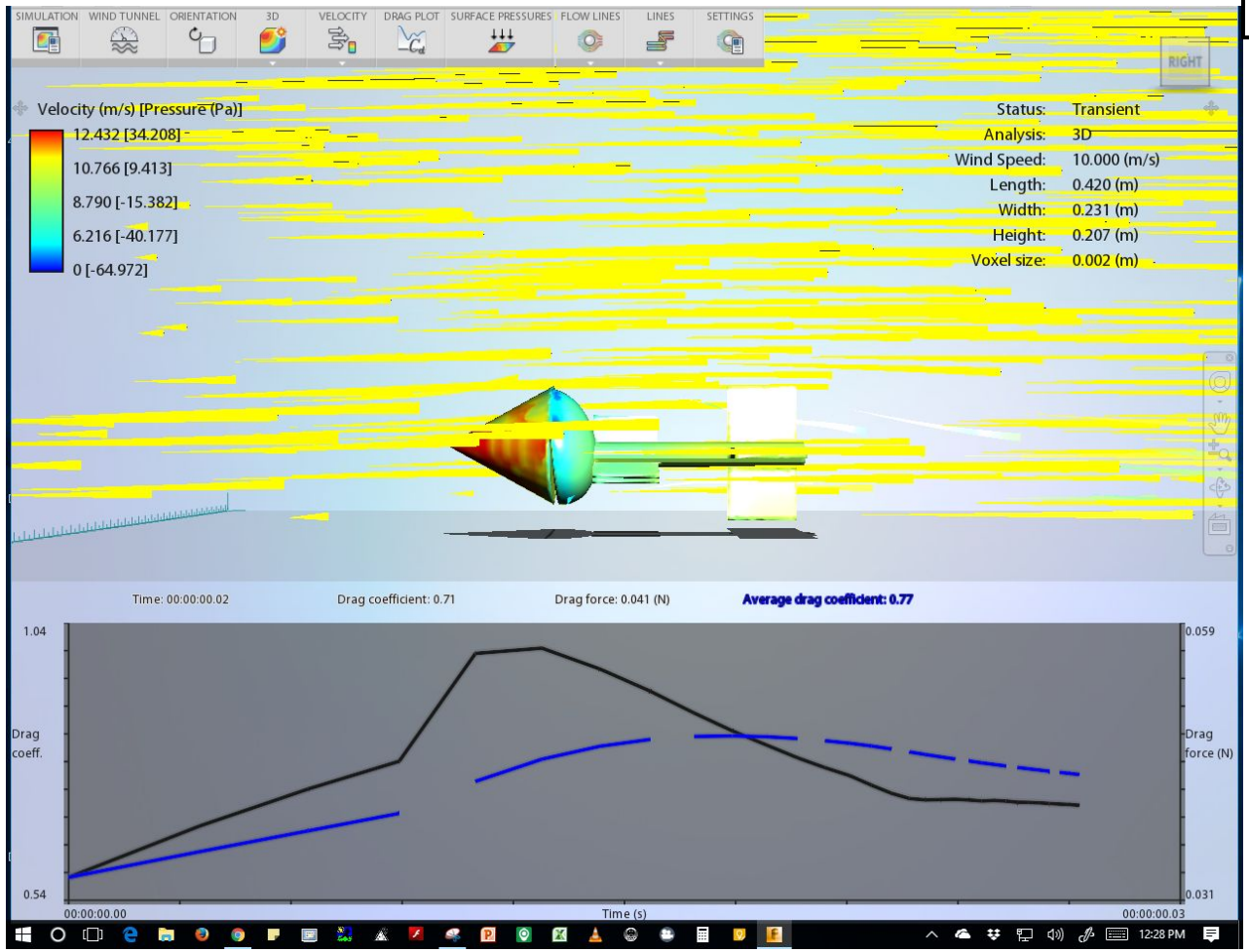


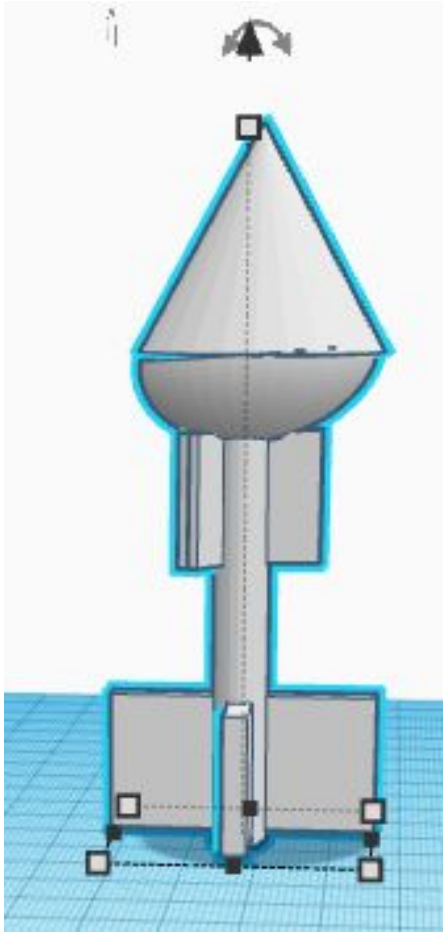
Ave.25


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.498 [38.369]
9.958 [19.454]
8.130 [0.538]
5.749 [-18.377]
0 [-37.292]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.517 (m)
Width: 0.267 (m)
Height: 0.253 (m)
Voxel size: 0.003 (m)
Time: 00:00:00.04
Drag coefficient: 0.22
Drag force: 0.010 (N)
Average drag coefficient: 0.25
0.46
0.20
Drag coeff.
0.020
0.009
Drag force (N)
00:00:00.00
Time (s)
00:00:00.04
12:25 PM

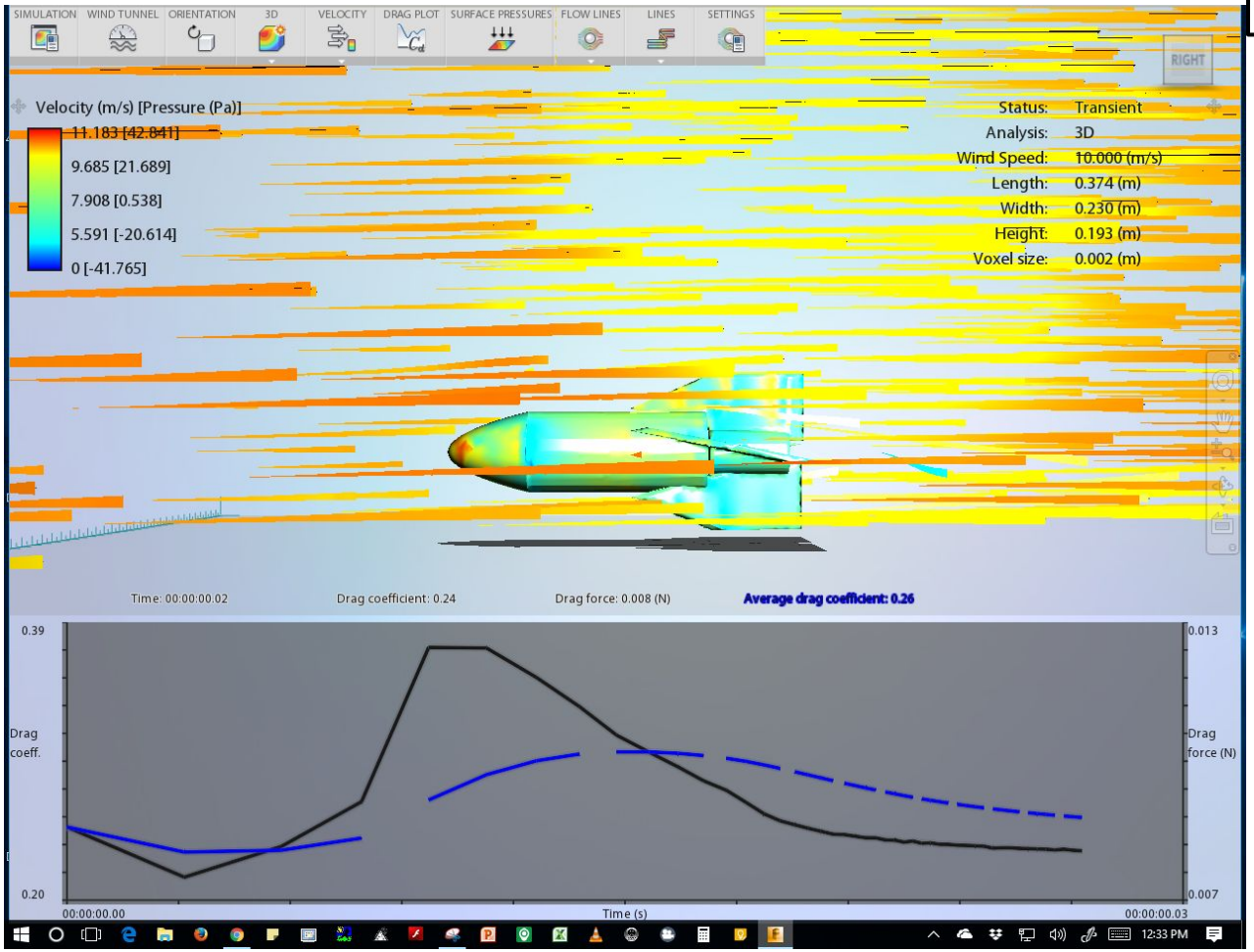


Ave.77


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
12.432 [34.208]
10.766 [9.413]
8.790 [-15.382]
6.216 [-40.177]
0 [-64.972]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.420 (m)
Width: 0.231 (m)
Height: 0.207 (m)
Voxel size: 0.002 (m)
Time: 00:00:00.02
Drag coefficient: 0.71
Drag force: 0.041 (N)
Average drag coefficient: 0.77
1.04
0.54
Drag coeff.
0.059
0.031
Drag force (N)
00:00:00.00
Time (s)
00:00:00.03
12:28 PM



Ave.26


SIMULATION
WIND TUNNEL
ORIENTATION
3D
VELOCITY
DRAG PLOT
SURFACE PRESSURES
FLOW LINES
LINES
SETTINGS
RIGHT
Velocity (m/s) [Pressure (Pa)]
11.183 [42.841]
9.685 [21.689]
7.908 [0.538]
5.591 [-20.614]
0 [-41.765]
Status: Transient
Analysis: 3D
Wind Speed: 10.000 (m/s)
Length: 0.374 (m)
Width: 0.230 (m)
Height: 0.193 (m)
Voxel size: 0.002 (m)
Time: 00:00:00.02
Drag coefficient: 0.24
Drag force: 0.008 (N)
Average drag coefficient: 0.26
0.39
Drag coeff.
0.20
0.013
Drag force (N)
0.007
00:00:00.00
Time (s)
00:00:00.03
12:33 PM