



Title

Real rocket simulation at 3deg and 15m/s

1. Mesh Report

Table 1. Mesh Information for deg 15m s open wing

Domain	Nodes	Elements	Tetrahedra	Wedges	Pyramids	Hexahedra	Polyhedra
component2_solid	124090	670831	670831	0	0	0	0

Table 2. Mesh Statistics for deg 15m s open wing

Domain	Minimum Face Angle	Maximum Face Angle	Maximum Edge Length Ratio	Maximum Element Volume Ratio	Connectivity Range
component2_solid	2.69355 [degree]	148.417 [degree]	18.4487	299.607	1 40

2. Physics Report

Table 3. Domain Physics for deg 15m s open wing

Domain - component2_solid	
Type	cell

Table 4. Boundary Physics for deg 15m s open wing

Domain	Boundaries
component2_solid	Boundary - inlet
	Type VELOCITY-INLET
	Boundary - outlet
	Type PRESSURE-OUTLET
	Boundary - rocket_body
	Type WALL
	Boundary - side
	Type WALL
	Boundary - sym
	Type SYMMETRY
Boundary - wall component2_solid	
	Type WALL

3. Pictures

Figure 1. Iso View of Wireframe

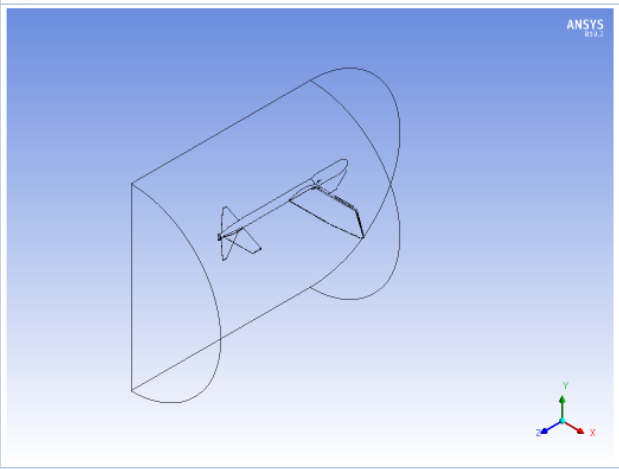


Table 5.

Force Y	11.3993 N
Force Z	1.46713 N
Moment X	-0.9968 Nm