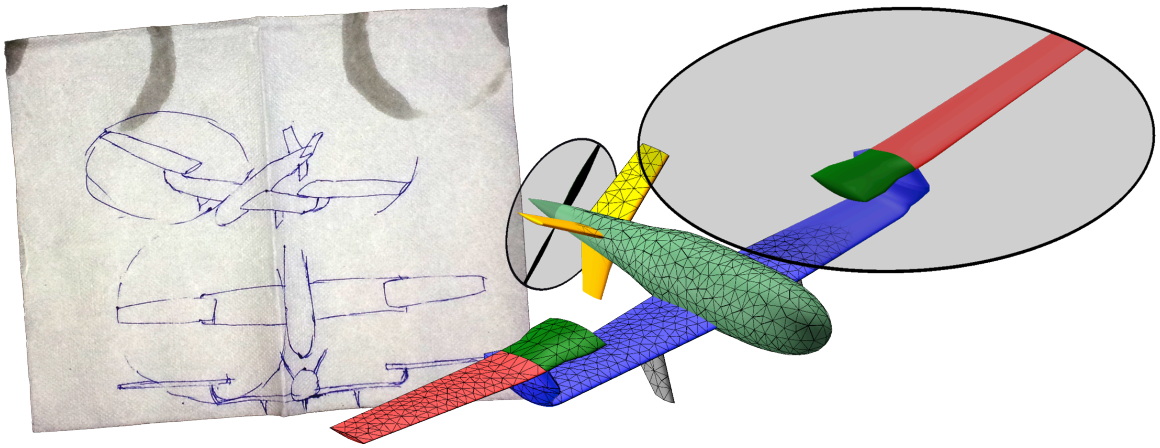
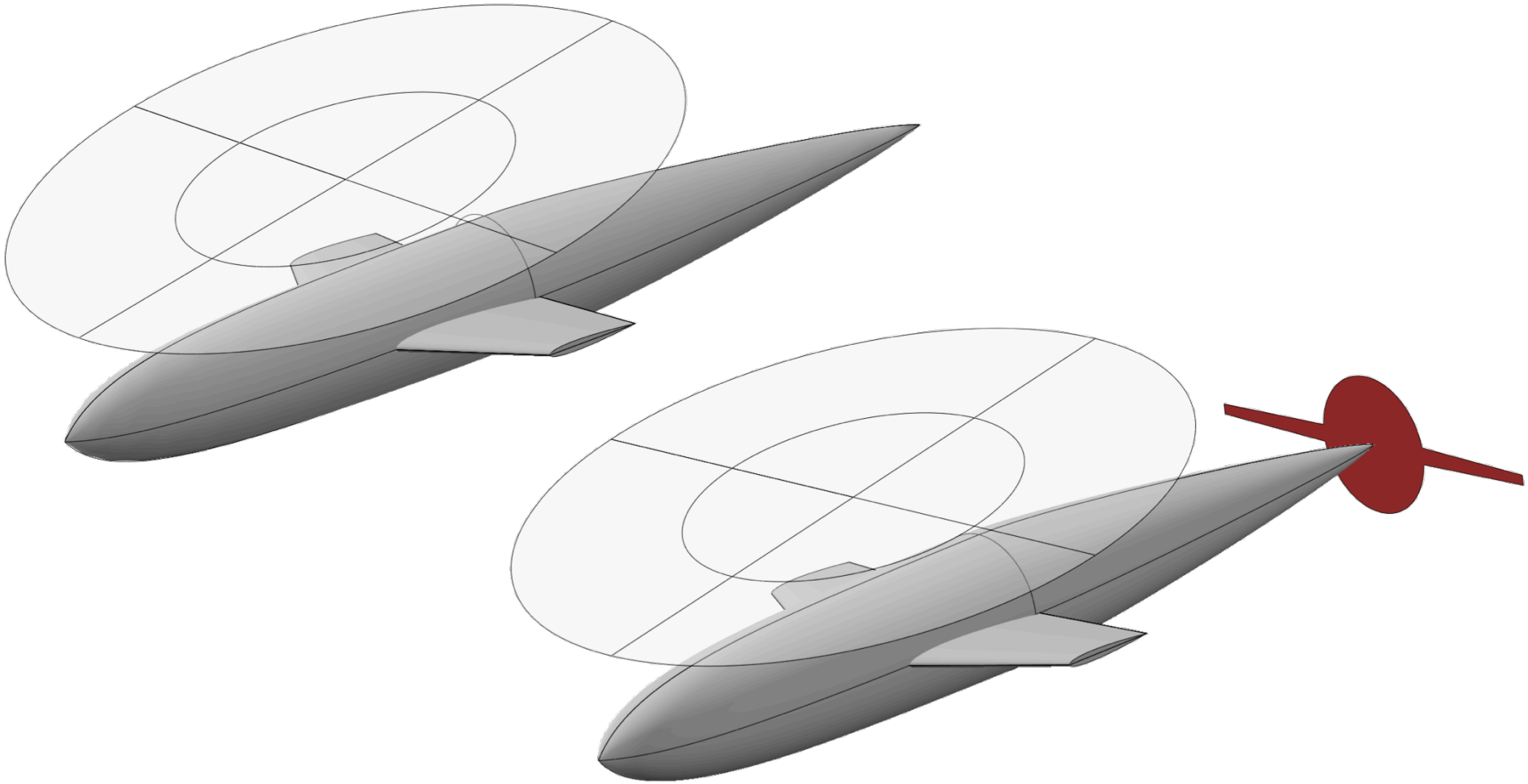


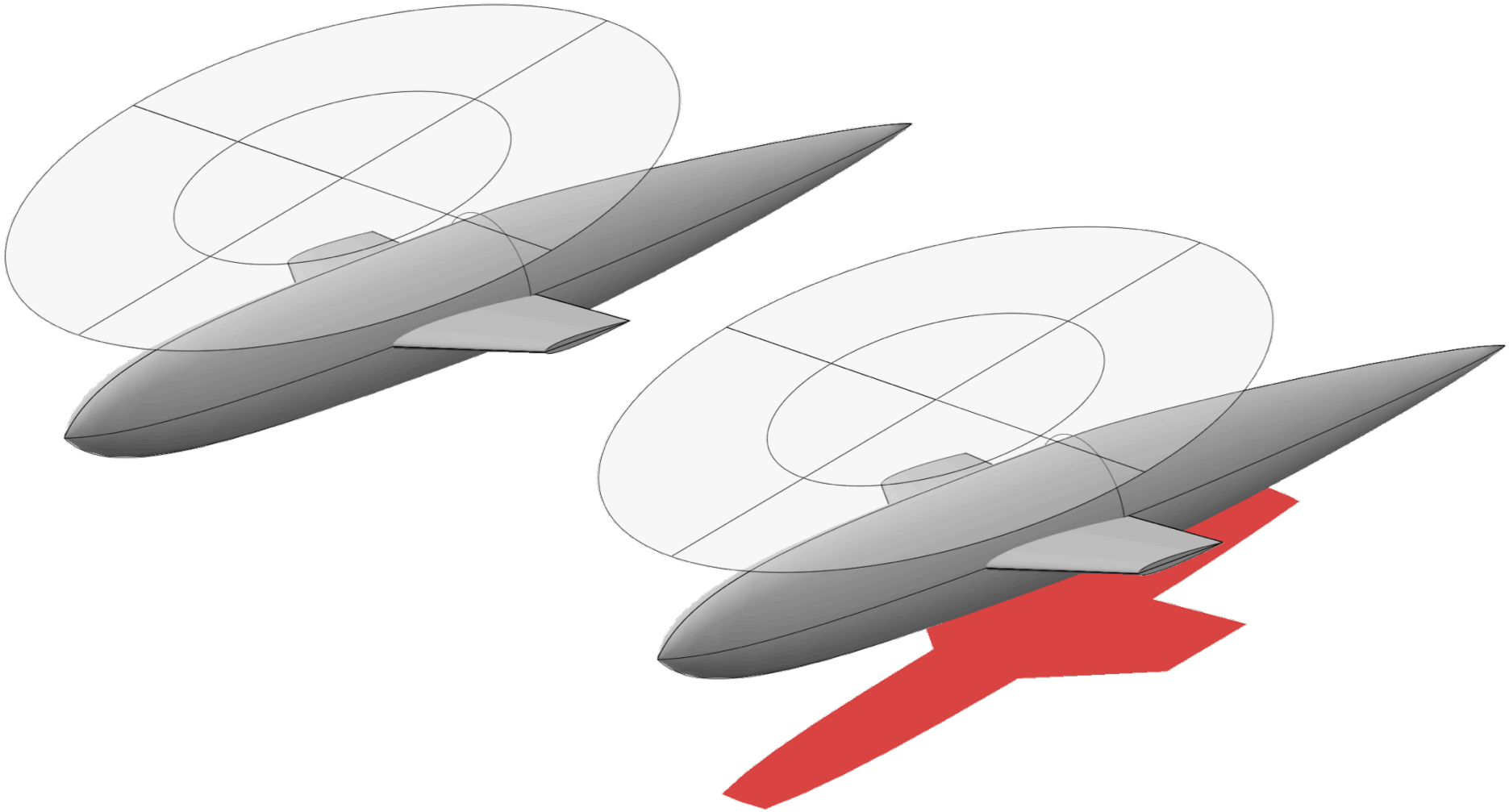
Projected Area

Rob McDonald

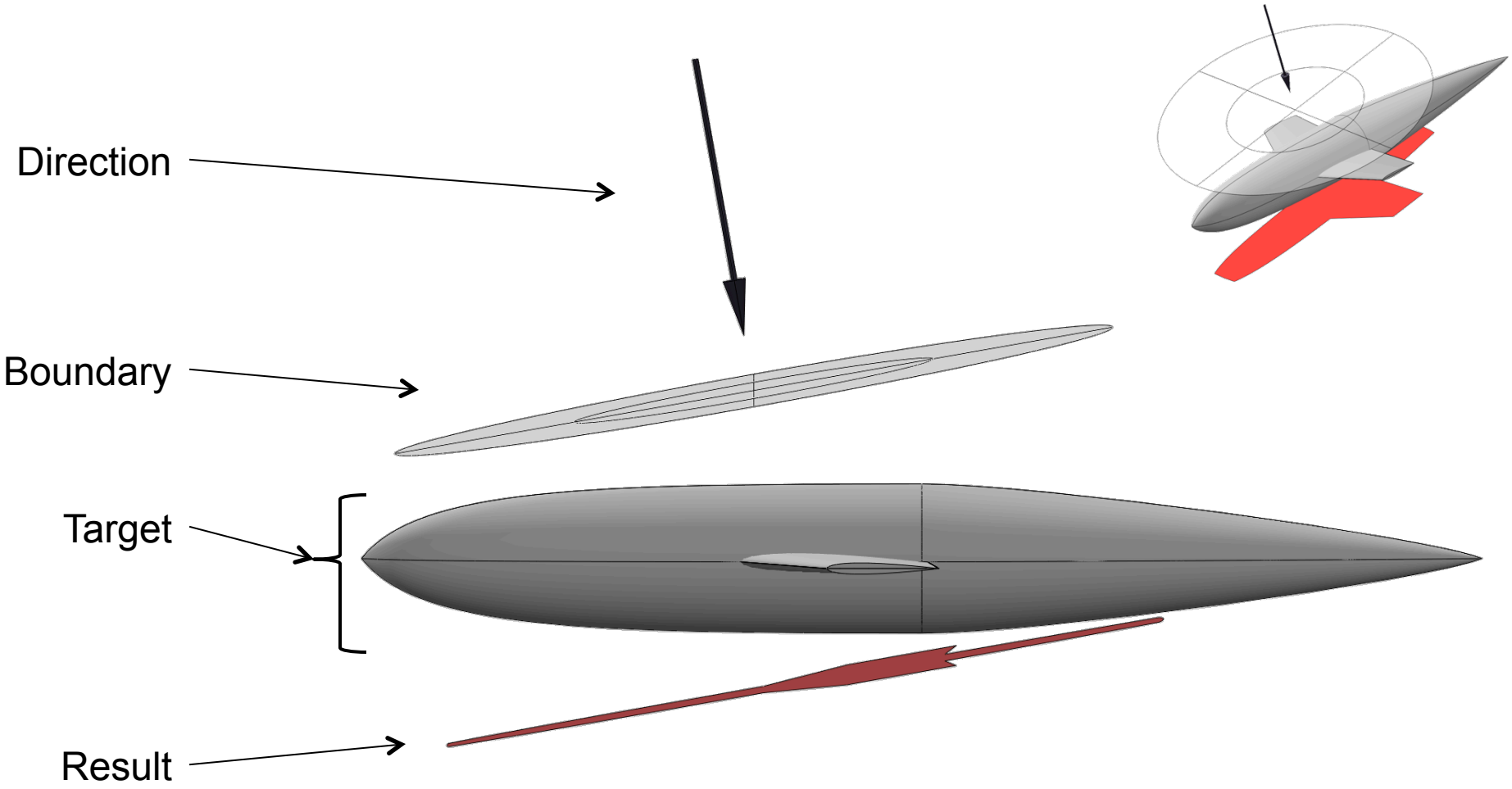
Frontal Area



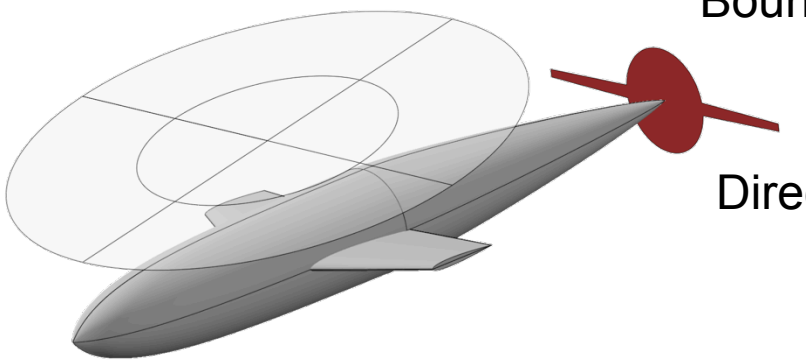
Downwash Blockage



Nomenclature



Projected Area GUI



Target

Boundary

Direction

Results

GO

Projected Area Analysis

Target
- Set: Helicopter
- Geom: 0_PodGeom

Boundary
- None
- Set: All
- Geom: 0_PodGeom

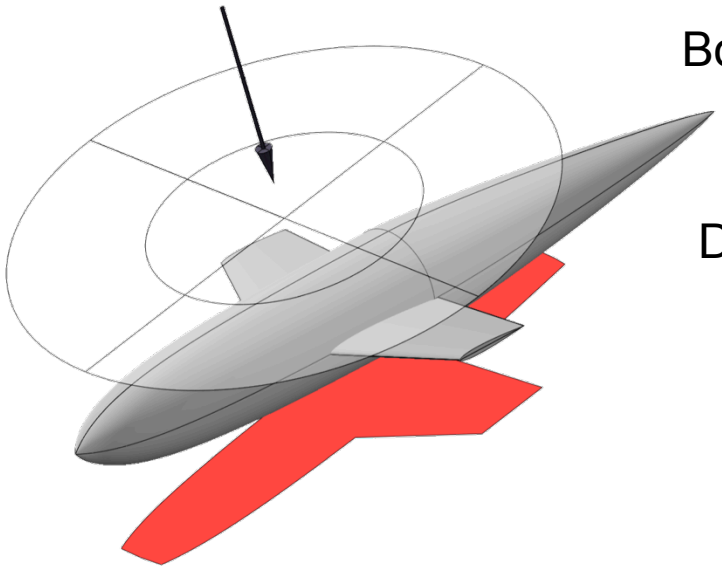
Direction
- Vector
- X: 1.000
- Y: 0.000
- Z: 0.000
- Geom: 0_PodGeom

Output File
- File: /Users/ramcdona/Desktop/Exam ...

Execute Projected Area
- START

Area: 1.74904

Projected Area GUI



Target

Boundary

Direction

Results

GO

Projected Area Analysis

Target
- Set: Helicopter
- Geom: 0_PodGeom

Boundary
- None
- Set: All
- Geom: 2_Disk

Direction
- Vector
- X: 0.174
- Y: 0.000
- Z: -0.985
- Geom: 2_Disk

Output File
- File: /Users/ramcdona/Desktop/Exam ...

Execute Projected Area
- START
- Area

Questions?

Practice