Table one summarizes the geometry and flow conditions for the selected validation case.

Table 1: Summary of Ukeiley's Experiment.

Depth D (mm)	Length L (mm)	Width W (mm)	Mach	Re_D
8	48	50.4	0.58	113,600

The momentum boundary layer thickness at the leading edge of the cavity is 0.126 mm and the boundary layer is turbulent. The $y^+ = 1$ length scale was computed to be $y/D = 3.85957 \times 10^{-4}$.