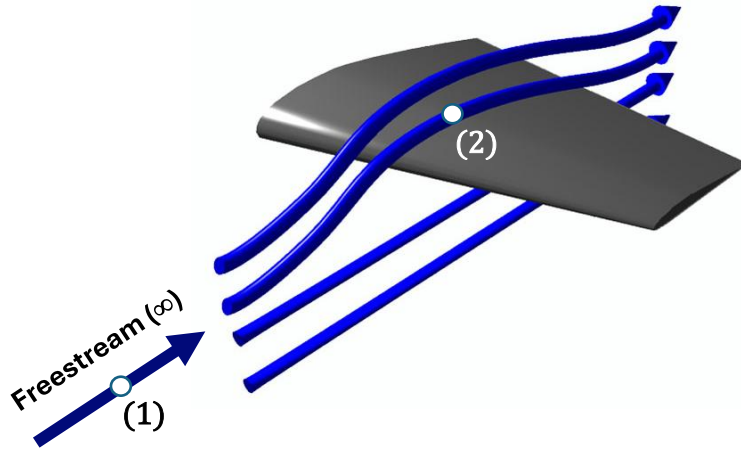


(EXAMPLE) [A-3-2]



Consider an aircraft wing in a flow of air, where far ahead upstream of the wing (called a **freestream**), the pressure, velocity, and density are measured as: 1 atm (standard sea-level), 100 mph, and 0.0024 slugs/ft³, respectively. At a given point on the wing, the measured pressure is 2,070 lb/ft². What is the velocity at this point?

Lined area for notes, consisting of multiple horizontal dashed lines.