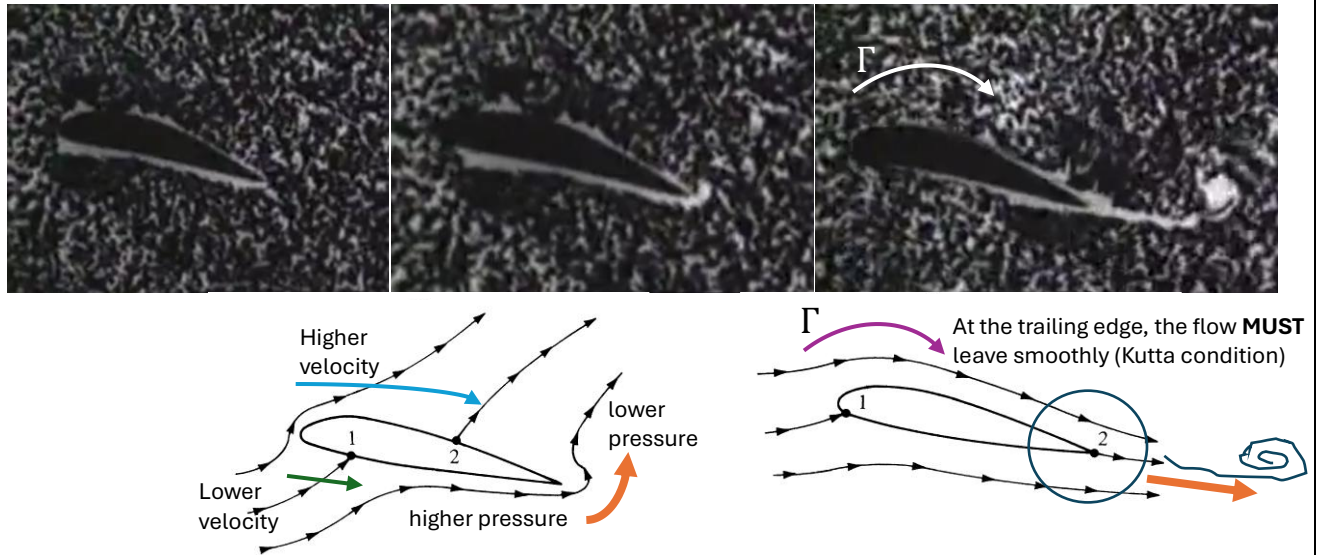


(KEY CONCEPT) [B-4-4]



Starting vortex "**shed**" at the trailing edge will adjust the flow field circulation to satisfy Kutta condition. This is going to establish a reasonable (realistic) amount of flow field circulation (Γ). This will assure correct calculation of realistic amount of aerodynamic lift for a potential flow field analysis ($L' = \rho_{\infty} V_{\infty} \Gamma$).

Prandtl's starting vortex flow (source: Simulation of Starting and Stopping Vortices of an Airfoil by Agromayor & Kristoffersen, 2017)

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