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18/9/2016 · On Boundary Layers: Laminar, Turbulent and Skin Friction. On September 18, 2016 · In Aerodynamics, General Aerospace. In the early 20th century, a group of German scientists led by Ludwig Prandtl at the University of Göttingen began studying the fundamental nature of fluid flow and subsequently laid the foundations for modern aerodynamics.

5/4/2011 · Comparison of calculated laminar, transitional, and turbulent local skin-friction coefficients with experiment for (a) incompressible flows and (b) for adiabatic compressible flows, $Me = 1.97$. Studies of methods of calculating the transition region between the laminar part and the turbulent part of a boundary layer have also been conducted by Adams [33] and by Harris [34].

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