

## 12.2 Aerodynamic Forces

The ADAC website discusses the confusion that can be caused in Raymer's text by defining drag due to lift and induced drag as being synonymous. Admittedly, this terminology is often used by practicing engineers, but it is not correct. This topic is also discussed by Raymer at the bottom of Page 307, and in the annotations relating to Section 4.2. The confusion can be eliminated by breaking drag due to lift into two components: viscous (skin friction and separation) drag due to lift, and inviscid (induced) drag due to lift.

Under these new definitions, Raymer's Figure 12.2 requires some revisions. The row title "Induced drag" must be changed to "Drag due to lift", and the drag component in the circulation column "Drag due to lift" must be changed to "Induced drag".