

(EQUATION) [D-1-4]

- From (EQUATION) [D-1-3], the reduced lift curve slope for a finite 3-D wing is:

$$a = \frac{a_0}{1 + \frac{a_0}{\pi e AR}}$$

- For a "low aspect ratio" wing ($AR < 4$):

$$a = \frac{a_0}{\sqrt{1 + \left(\frac{a_0}{\pi e AR}\right)^2} + \frac{a_0}{\pi e AR}}$$

- For a "swept" wing (with a sweep angle Λ):

$$a = \frac{a_0 \cos \Lambda}{\sqrt{1 + \left(\frac{a_0 \cos \Lambda}{\pi e AR}\right)^2} + \frac{a_0 \cos \Lambda}{\pi e AR}}$$

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