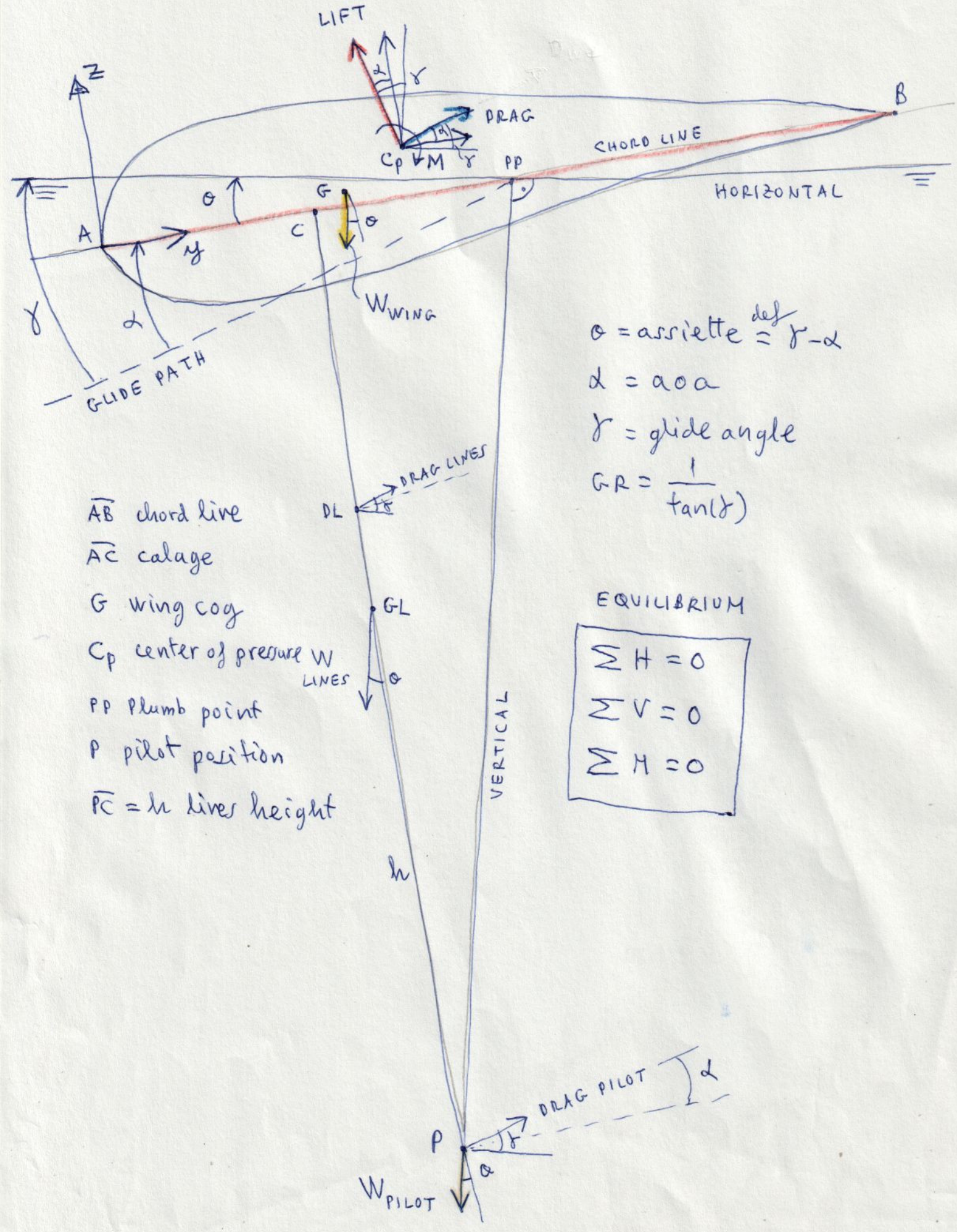
# PARAGLIDER LONGITUDINAL EQUILIBRIUM




$\theta$ = assiette $\overset{def}{=} \gamma - \alpha$

$\alpha$ = aoa

$\gamma$ = glide angle

$GR = \frac{1}{\tan(\gamma)}$

$\overline{AB}$ chord line

$\overline{AC}$ calage

G wing cog

$C_p$ center of pressure

PP Plumb point

P pilot position

$\overline{PC} = h$ lines height

EQUILIBRIUM

$$\sum H = 0$$
$$\sum V = 0$$
$$\sum M = 0$$