$$
\begin{aligned}
&\dots \\
e_2: \quad &\dot{\alpha}{=}(-F_x \sin(\alpha) + F_z \cos(\alpha))/(mV\cos(\beta)) + q - (p\cos(\alpha) + r\sin(\alpha))tan(\beta) \\
e_{14}: \quad &V{=}C_{m,q} qc/\left(2\left(\frac{M}{\bar{q}Sc} - C_{m,0} - C_{m,\alpha}\alpha - C_{m,\delta_e}\delta_e\right)\right) \\
&\dots
\end{aligned}
$$