

Evaluation of expected performance for a given flight plan and ensemble weather forecast

$$\mathcal{F} : (\mathcal{R}, \overline{\text{FL}}, \overline{M}, \mathcal{C}, \mathcal{D}, d_{\mathcal{D}})$$

$$\begin{aligned} \mathcal{W} : & (T, w_x, w_y, \text{GH}, r, q, \text{PVU}) \\ t_0 & \sim \mathcal{N}(\bar{t}_0, \sigma_{t_0}) \\ m_0 & \sim \mathcal{N}(\bar{m}_0, \sigma_{m_0}) \end{aligned}$$

