Aircraft parameters: structural mass fraction = 0.55; autonomy enabled

Sizing mission (piloted): range = 50 nm; 120 passengers; 3s hover time; reserve type = Uber (2-nm diversion distance)
Revenue mission (piloted): range = 30 nm; 2.0 passengers; 30s hover time; no reserve; charger power = 200 kW
Deadhead mission (autonomous): range = 30 nm; 0.0 passengers; 30s hover time; no reserve

