Aircraft parameters: battery energy density = 400 Wh/kg; 5 rotor blades; autonomy enabled Sizing mission (piloted): range = 50 nm; 3 passengers; reserve type = FAA helicopter VFR (20-minute loiter time) 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; deadhead ratio = 0.2

