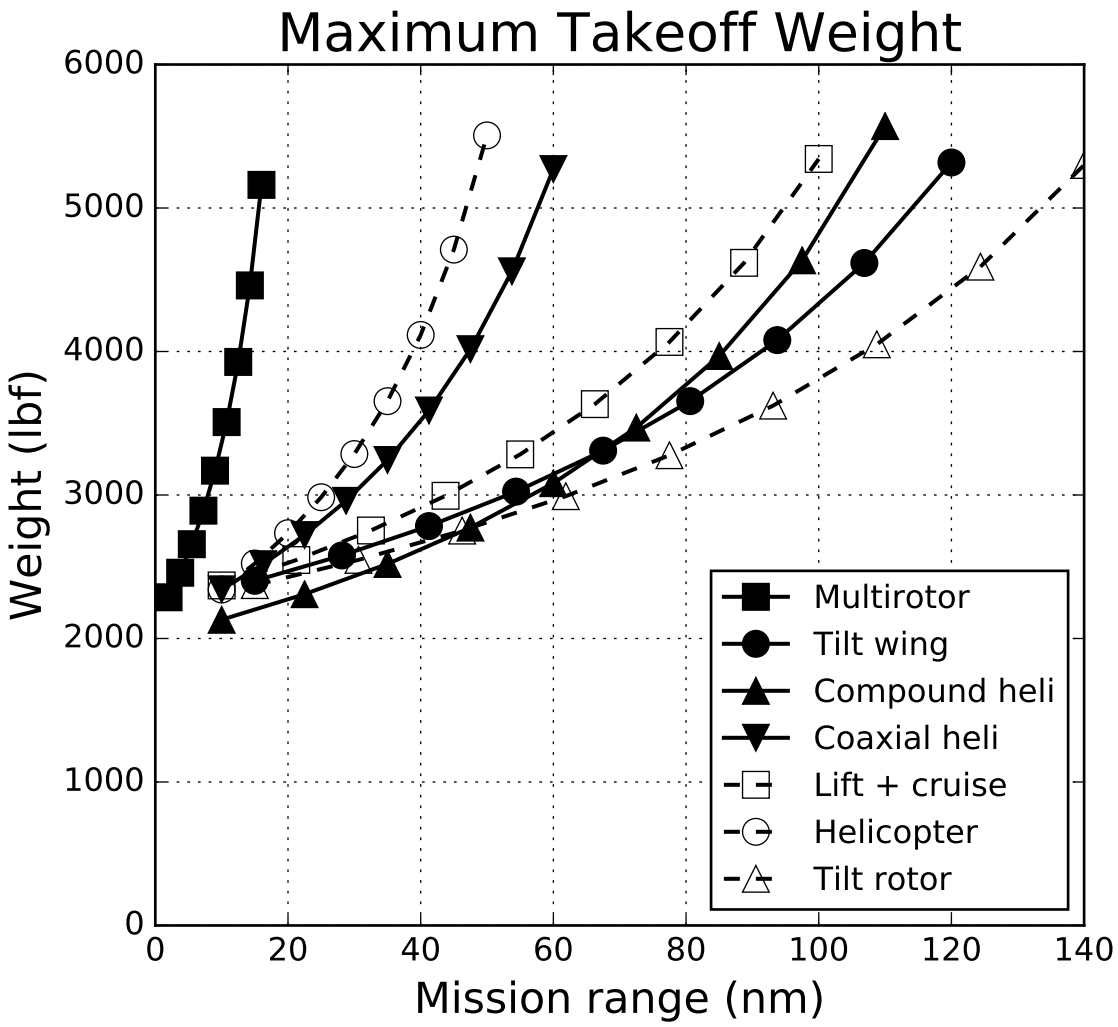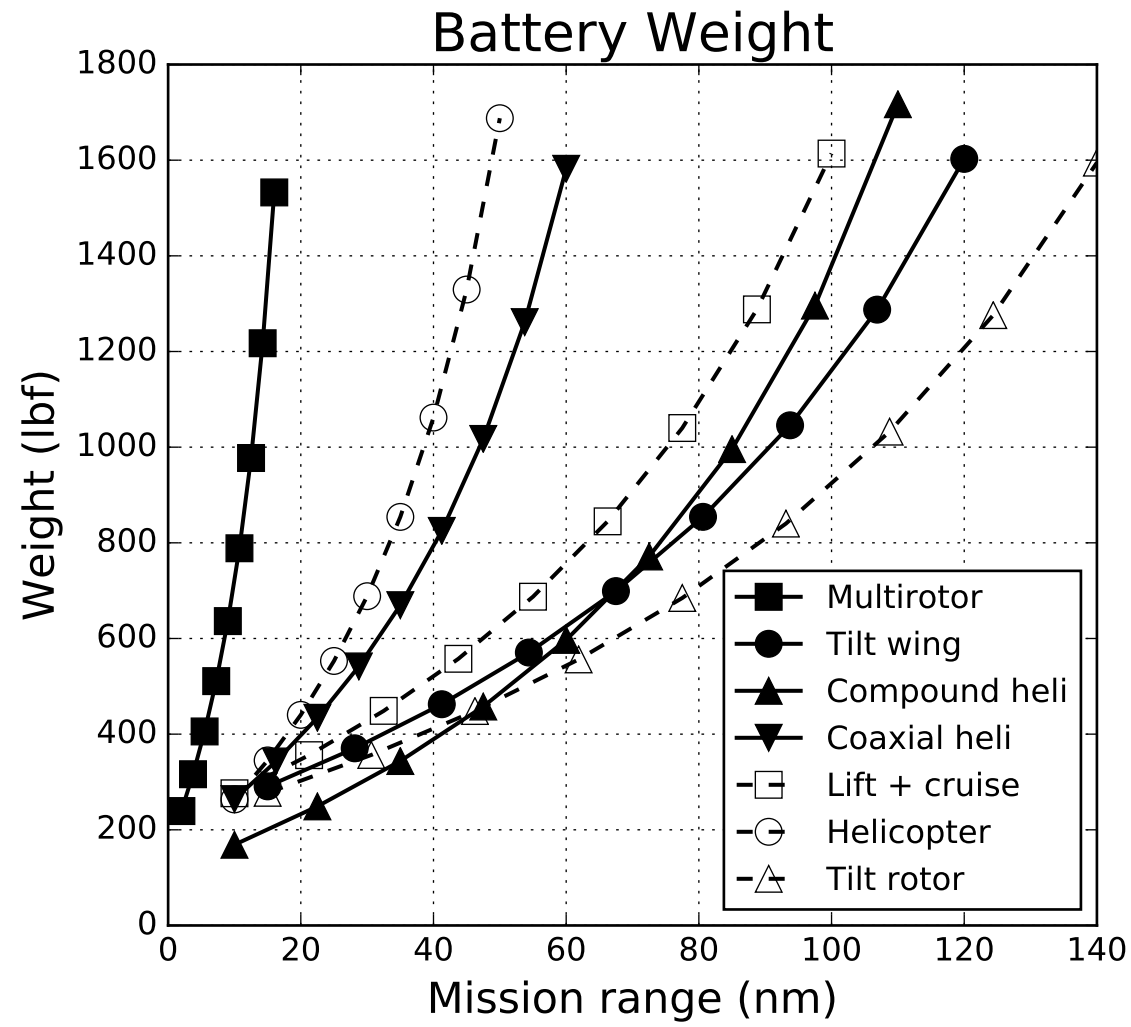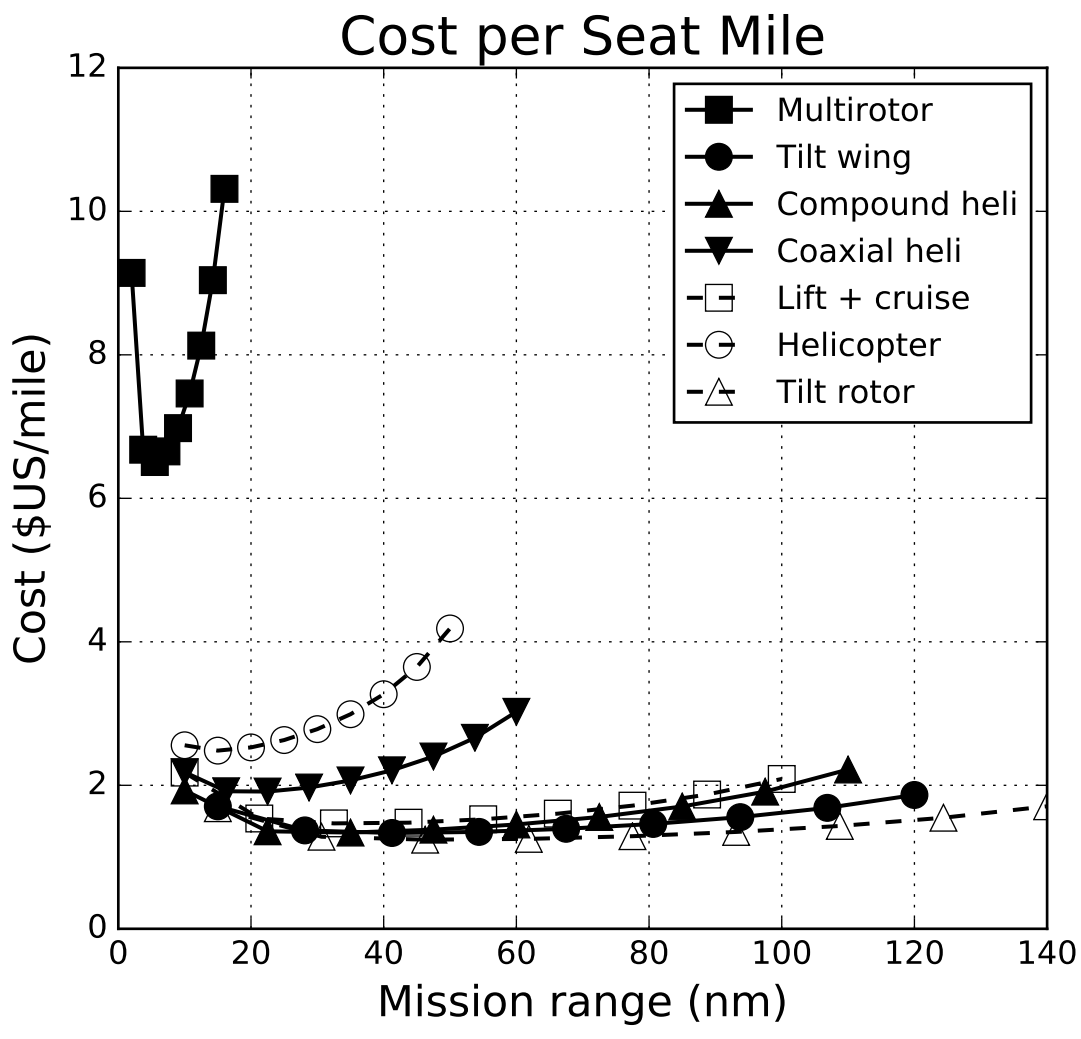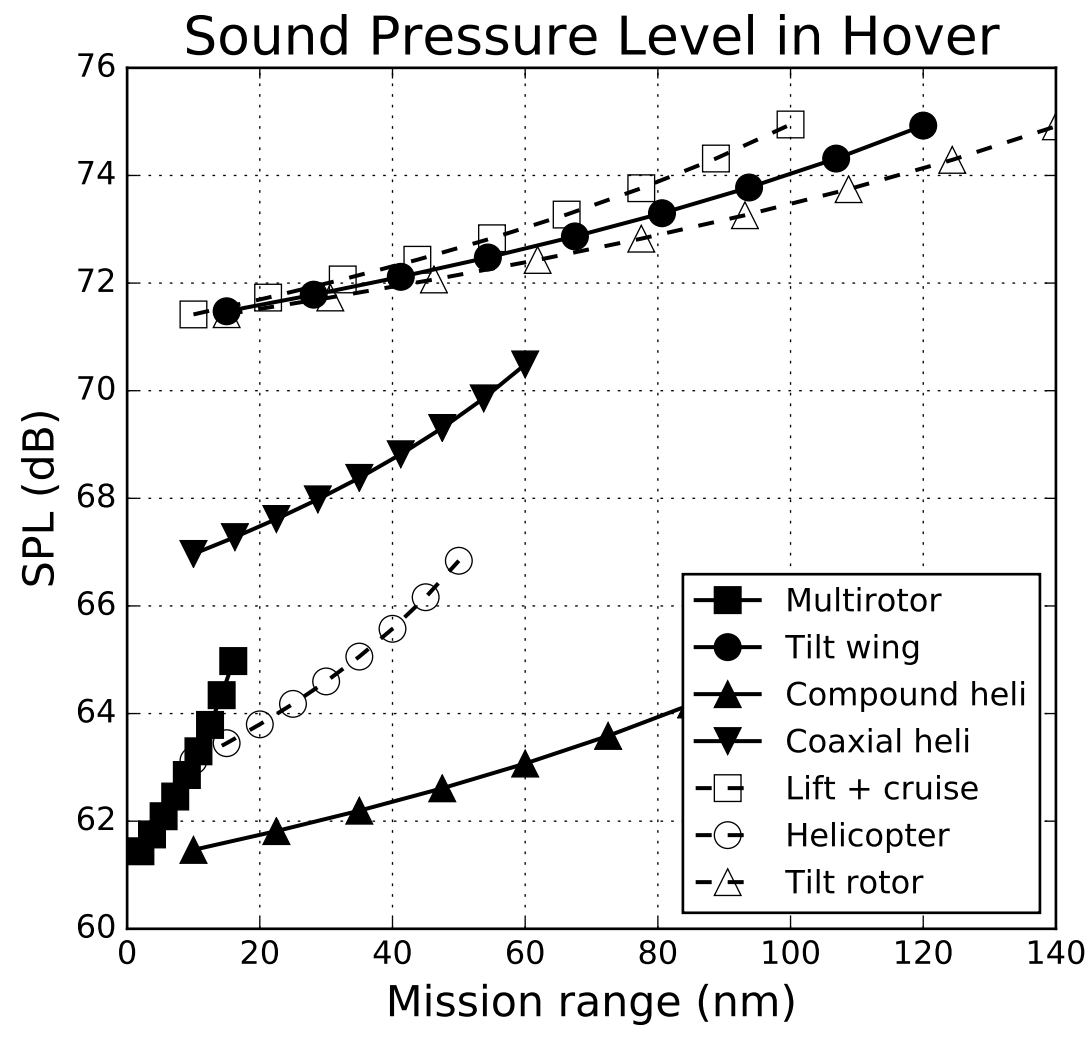Aircraft parameters: structural mass fraction = 0.55; battery energy density = 400 Wh/kg; autonomy enabled
Sizing mission (piloted): 3 passengers; 120s hover time; reserve type = Uber (2-nm diversion distance)
Revenue mission (piloted): same range as sizing mission; 2.0 passengers; 30s hover time; no reserve; charger power = 200 kW
Deadhead mission (autonomous): same range as sizing mission; 0.0 passengers; 30s hover time; no reserve; deadhead ratio = 0.2