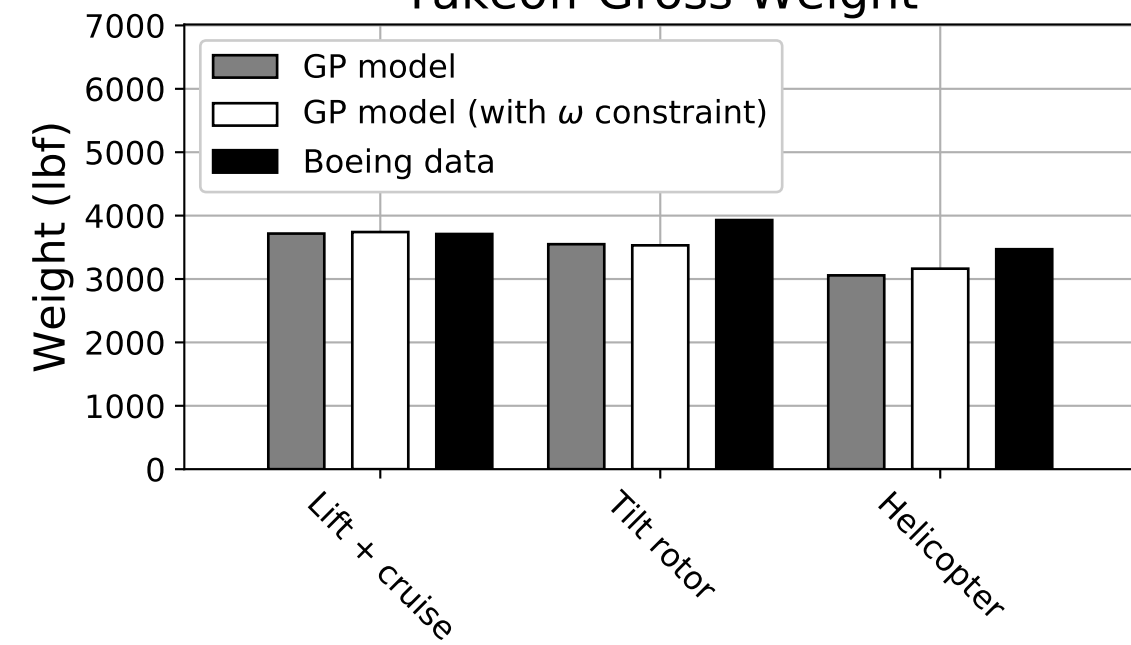
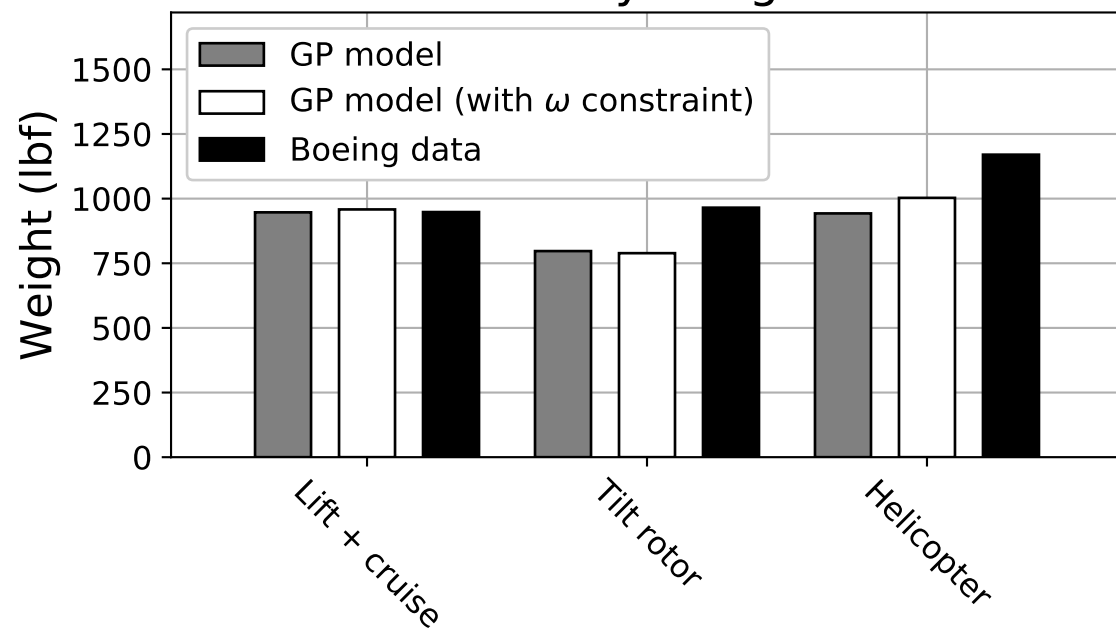


Aircraft parameters: battery energy density = 500 Wh/kg; 5 rotor blades; autonomy enabled
Sizing mission (piloted): range = 87 nmi; 3 passengers; 120s hover time; reserve type = FAA helicopter VFR (20-minute loiter time)
Revenue mission (piloted): range = 30 nmi; 2.0 passengers; 30s hover time; no reserve; charger power = 200 kW
Deadhead mission (autonomous): range = 30 nmi; 0.0 passengers; 30s hover time; no reserve; deadhead ratio = 0.2

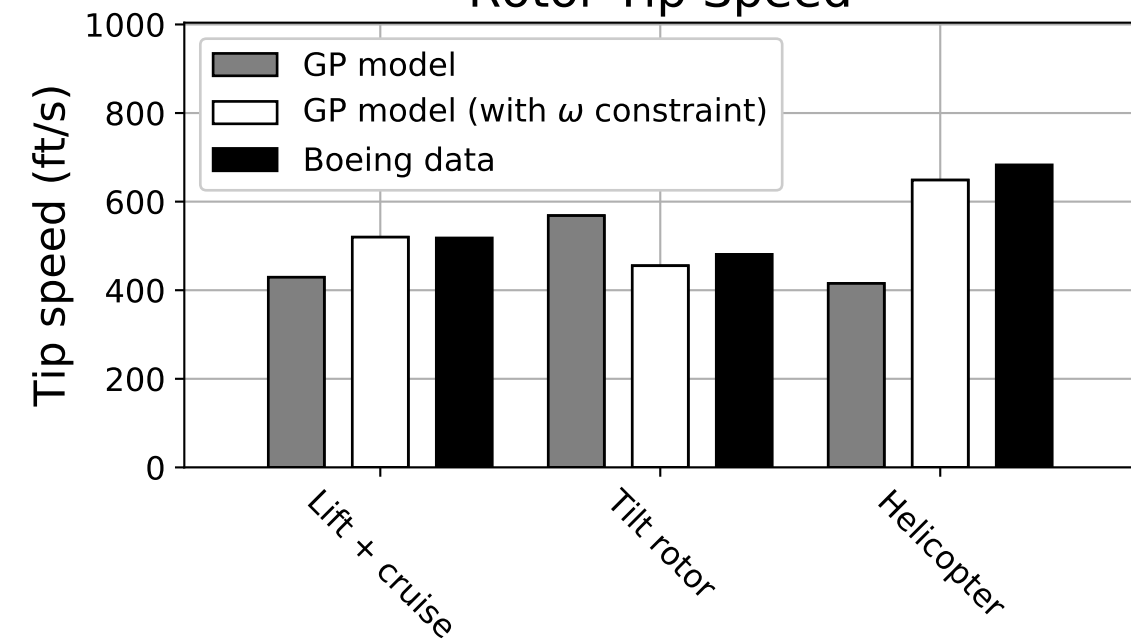
Takeoff Gross Weight



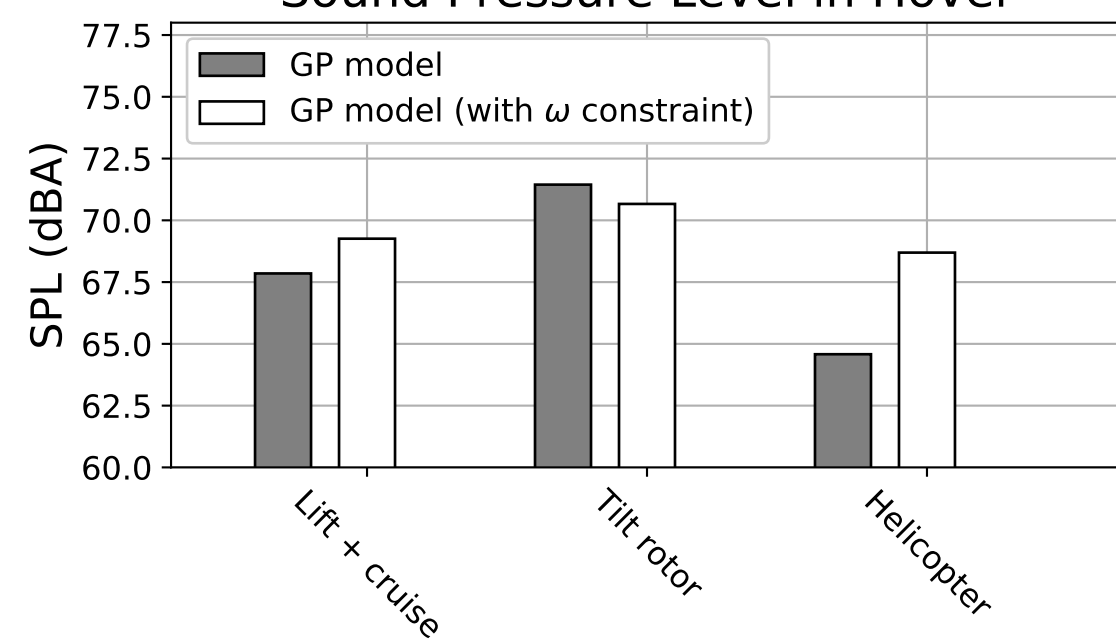
Battery Weight



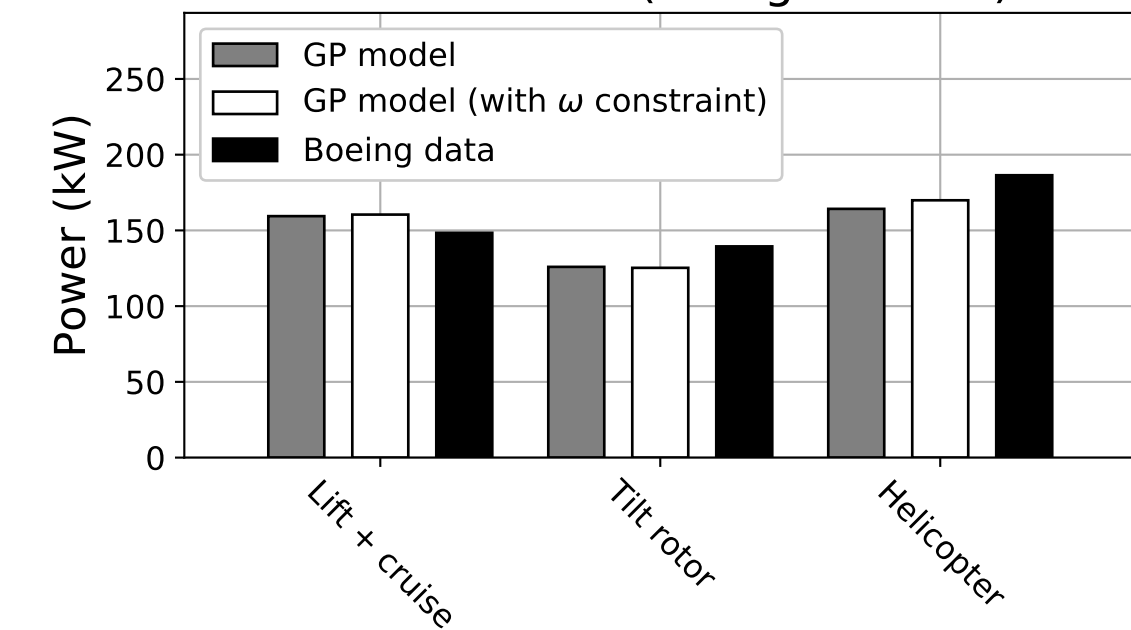
Rotor Tip Speed



Sound Pressure Level in Hover



Cruise Power (sizing mission)



Hover Power (sizing mission)

