

Helicopter Pilot (3560)
Task List - 2026

1. Operates Department of Water and Power helicopters for specialized utility flights, including powerline patrols, construction, and maintenance, featuring precision Vertical Reference Long Line (VRLL) and Human External Cargo (HEC), as well as passenger transport, aerial photography, LiDAR (light detection and ranging), critical infrastructure patrols, and other specialty flights.
2. Operates helicopters during day, night, and Night Vision Goggle (NVG) operations within and outside the City to transport Department of Water and Power personnel, City employees, and approved passengers for aerial observation and special purposes.
3. Operates helicopters across a variety of conditions and terrain, including deserts, mountains, metropolitan areas, and overwater environments, making elevated pad and off-site landings and takeoffs, and conducts operations in mountainous terrain over 10,000 ft. Mean Sea Level (MSL) throughout California, Nevada, and Utah, working in locations away from Los Angeles for extended periods dependent on projects.
4. Makes daily preflight checks to ensure that the helicopter is in airworthy condition, reports mechanical condition and irregularities to supervisors for maintenance and tracking, performs maintenance operational check flights when assigned, and may perform minor preventive maintenance under field conditions.
5. Determines whether safe operating factors such as load, mechanical condition, terrain, weather, winds, temperature, and pressure altitude exist to conduct a safe flight.
6. Keeps accurate logbooks according to Federal Aviation Administration (FAA) regulations and Department requirements, providing written flight and maintenance records, preflight planning documents, and post-flight reports.
7. Communicates verbally with Department of Water and Power or City employees and officials to exchange technical information, brief passengers and ground crews, resolve conflicts, maintain control, ensure safety, and complete missions, while conducting radio communications with Department personnel and Air Traffic Controllers.