

Pierce County Remotely Piloted Aircraft System Program Approved Uses

1 - **Event response and recovery** – includes natural and man-made disasters such as flood, earthquake, landslide, hazardous contaminations, social unrest, etc.

2 - **Event damage assessment** – event related damage assessment for disaster declaration and other assistance.

3 - **Event mitigation** – assessment of potential mitigation opportunities ahead of or during an event.

4 - **Infrastructure inspection** – pre/post event safety inspections of building, bridges, travelway, utilities

5 - **Infrastructure inspection (non-event related)** – visual inspection of bridges, levees, pipelines, travelways, risk areas, traffic signals, utilities

6 - **Lahar alert system sensor placement/locating/maintenance reconnaissance** - visual review of lahar sites for planning and monitoring

7 - **Volumetric measurement** – 3 dimensional volume measurement of material stockpiles, landslide debris, or spill debris

8 - **Project monitoring/documentation** - visual data collection for the support of project goals or supporting project documentation

9 - **Site monitoring** – review of construction progress, changes, events

10 - **Site investigation** – investigation of contamination, leaks, illegal dumping, construction accidents, collision, or major crime scenes.

11 - **Mapping/LIDAR data collection** -Light Image Detection And Ranging sensor use for terrain or other 3 dimensional mapping

12 - **Marketing/Storytelling** – includes outreach communication

13 - **News reporting/documentary** - visual support of breaking or ongoing news topics

14 - **Water resource visual assessment, sampling, or monitoring support for remote sites** - visual review, sample collection, or wireless data download

15 - **Search and rescue response and support** - visual search support and documentation of hard to access locations

Pierce County Remotely Piloted Aircraft System Program Prohibited Uses

Any flight parameters prohibited by FAA part 107 certification rules are prohibited unless waivers through the FAA have been acquired.

Video or photo data shall not be used - To conduct random surveillance on citizens, harass or intimidate any individuals or group, conduct personal business of any kind ([Pierce County Code Chapter 1.30](#))