

TPWA SMALL UNMANNED AERIAL SYSTEM PROGRAM



Over the next several months TPWA will be doing an electrical distribution system aerial inspection. We will be using our sUAS (drone) to do the inspection. The sUAS carries two cameras; a front mounted optical camera and a rear mounted thermal camera.

Inspection objectives will include looking for thermal hot spots, vegetation encroachment, and pole top condition. These inspections are necessary to continue to provide our customers with reliable low cost electrical service.

While we will make every effort to stay within the electric corridor, some flight conditions may warrant a deviation in flight path.

THERMAL INSPECTION



VEGETATION ENCROACHMENT



POLE TOP INSPECTION

