

> First civil use of radar for Beyond Visual Line of Sight (BVLOS)

> Advancing oil and gas inspection in the Permian Basin

EFFICIENT

BVLOS flights are efficient and cost effective, allowing for horizontal and distributed asset inspections (e.g., well pads), at 5x the rate of VLOS inspection

MULTI-FUNCTION

Unmanned aerial systems (UASs) are assigned tasks in flight, including: liquid and gas leak detection, abnormal heat signatures, regulatory inspections, site condition, and security

SAFETY

Trailer-mounted radar is used to check for low flying aircraft and enhance the situational awareness of the pilot

REAL TIME

Use of multiple mesh points allows for data collection from long distances, live video streams from sensors, and robust connectivity with the aircraft

