

Visual Surveillance/Detection

Any cameras installed in the test aircraft will be for sensor evaluation purposes. Typical mounting involves a side or front view position with data being recorded both on the aircraft and on the ground via L or S-Band video transmitters and receivers.

Observers are trained using the DTI UAS Observer Training Manual, a copy of which accompanies this document.

During flight operations, an observer/backup external pilot is stationed with the pilot. His duties include providing for radio communications to allow the pilot to fully concentrate on flight duties, and to scan the area for any traffic encroachment.

Additional observers are stationed at the ends of the flight box, as required, to provide for proper warning of encroaching aviation traffic.

All team members are outfitted with radio communications.