WASP Certified TSO Components: None. Although there are no TSO certified components for the WASP most of the components are the same as used in the Raven UAS which have been tested and proven worthy during peace and wartime situations. Below is a list of the components used in the WASP UAS.

Table 1-1 System Components

Quantity	Description
2	Air Vehicle with EO cameras
1	GCS (Hub Unit, RF Unit, Cable, and Antenna)
1	Universal Battery Charger
2	GCS Battery
1	Joystick
1	EO/IR Payload Set with Plate
2	Mast
1	Field Repair Kit (FRK)
1	Spares Kit
2	Air Vehicle Flight Log
1	Operator Manual

1.3 Air Vehicle

The Wasp Air Vehicle is assembled from four components in under a minute. It is broken down for storage and transport into a single case measuring 17" x 12" x 3". The loaded case weighs approx. 2 lb. and holds one Air Vehicle and spare parts. The assembled Wasp Air Vehicle is shown in Figure 1-1.

Figure 1-1 Wasp Air Vehicle

1.5 Ground Control Station (GCS)

The Wasp Air Vehicle is controlled by the GCS. The system can be set up and operated using several configurations:

- Laptop with Joystick
- Single Hand Controller
- One Hand Controller with Laptop

The GCS package, containing a single Hand Controller, weighs approx. 8.1 lb. The GCS is equipped with two battery connectors to allow continuous operation, even while switching batteries (see Section). The GCS will operate for approx. 1.5 - 2.0 hours on a single BB-2557 battery (beyond 3 hours per charge if not using the Hand Controller). The GCS can also be used with the common BA-5590, BB-390B/U, and BB-2590/U batteries.
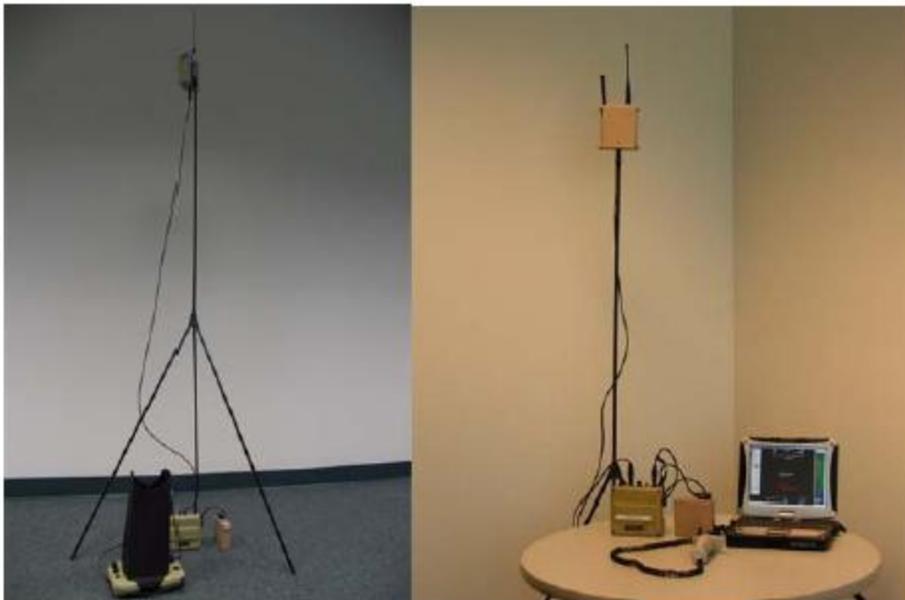

Figure 1-2 GCS Assembled, Two Configurations