

T-Hawk Comms and Control Station

Honeywell International Program Letter Unmanned Aerial System February 2011 The Air Vehicle is equipped with a command and control (C2) & video link radio. Command and control radios are frequency hopping between 920-928 MHz, with eight selectable video channels at a frequency of 2.4 GHz.

The Ground Control Station (GCS) is the Command and Control (C2) interface to the Air Vehicle from which an operator flies and views the available real-time video imagery.

A GCS is comprised of the following components:



Operator Control Unit (OCU)



Panasonic Toughbook 19 with T-Hawk Ground Control Station software installed



Ground Data Terminal (GDT)



Antenna Mast (optional)



Figure 8: Operator Control Unit (OCU) - Detail

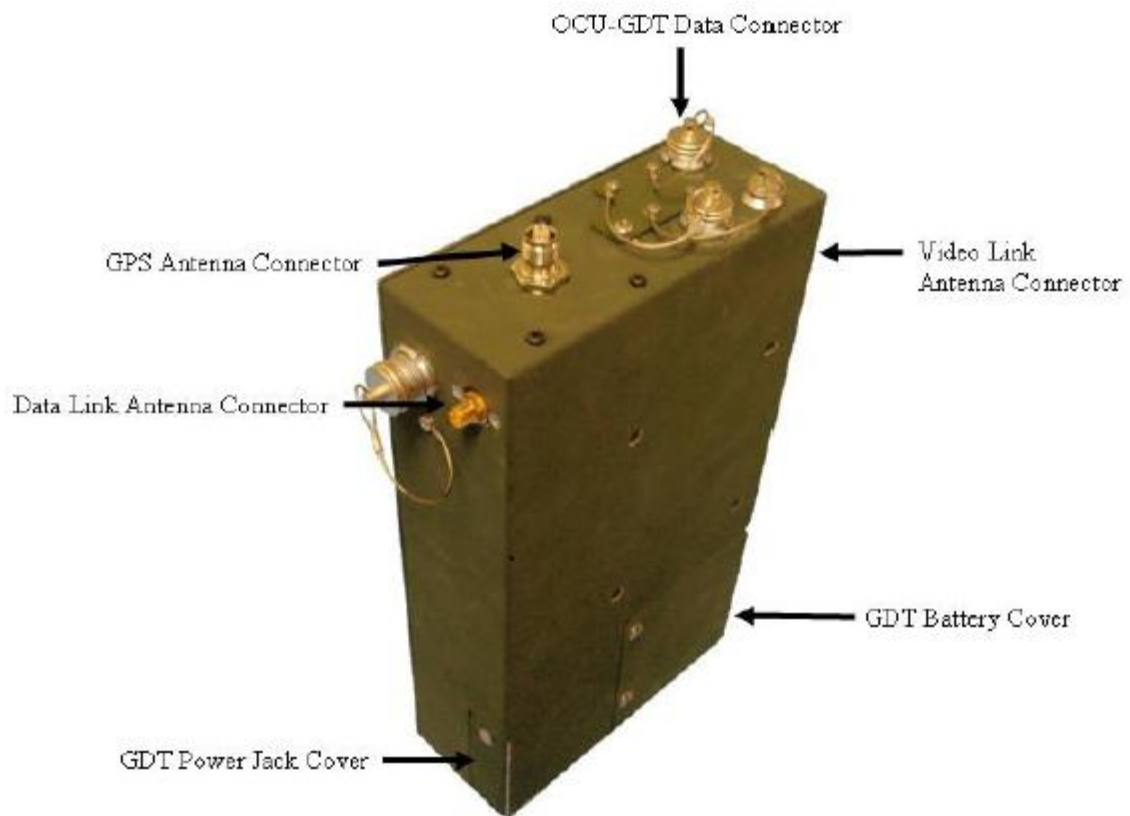


Figure 9: Ground Data Terminal (GDT)- Detail

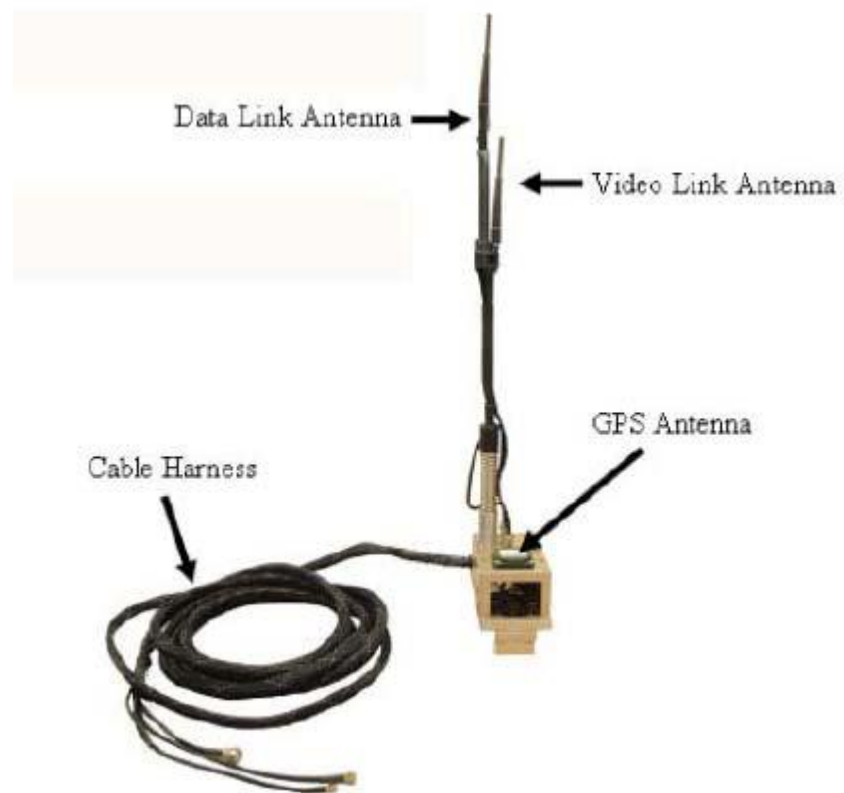


Figure 10: Antenna Mast- Detail