KUTTA®

Technologies for Earth and Air®

A SUBSIDIARY OF SNC

Transportable Ground Station (TGS)

- Consists of a S-788 Type I shelter mounted on a high mobility multipurpose wheeled vehicle (HMMWV) with tow-behind generator.
- The entire system can be deployed via C-130, and be used to provide mission planning and payload control for intelligence, surveillance, and reconnaissance (ISR) missions on crewed and/or uncrewed air vehicles.
- The virtual computing environment and communication systems are backed by independent uninterruptable power supplies (UPS), and secured in shock / vibration isolated racks designed to withstand rugged environmental conditions and extreme temperatures.

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USER INTERFACE:

- Noise canceling headsets
- Audio management system
- Sealed keyboard & trackball
- Adjustable / blackout lighting
- 32” displays with 4k resolution
- Integrated thin client computers
- Anatomically contoured operator chairs

SYSTEM CAPABILITIES:

- Imagery intelligence (IMINT)
- Signals intelligence (SIGINT)
- Electronic intelligence (ELINT)
- Communications intelligence (COMINT)

SOFTWARE

COMINT & SIGINT software
Level of interoperability (LOI): 1,2,3,4,5
Crewed and uncrewed mission planning
Redhat Linux, Windows OS, Virtual Environment
Secure server backplane (80 cores of processing)

SHELTER & SYSTEM

- S-788 – Type I
- Emergency power off (EPO)
- HMMWV platform - M1152A1
- Transport compliant via C-130
- Uninterruptable power supply (UPS)
- Over temperature equipment sensor
- Tactical - UHF/VHF radios
- Quick deploy & pivoting antenna mounts
- Storage and transit case secure mounts
- Smoke CO2 detector & fire extinguisher
- 22,000 BTU/Hr - environmental control unit (ECU)
- 20kW silent diesel tow-generator with light tactical trailer
- Shock and vibration isolated computing racks

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