

# U.S. AIR FORCE

## MOBILE TELEMETRY VEHICLE



**MISSION //** The U.S. Air Force Test Center is tasked with conducting flight research and development from concept to combat-ready. JT4 LLC provides engineering and technical support for flight testing, including the requirement to support test engineers in remote areas where existing instrumentation and vehicles cannot reach.

**SOLUTION //** Nomad GCS designed, manufactured, and integrated two specialized mobile support vehicles to enhance flight testing capabilities. Built on the Ford F-550 4x4 crew cab chassis, these vehicles feature a super single conversion with a rough terrain suspension. The custom telemetry shelters are mission-ready for various customer test equipment, complemented by a pneumatic mast and an external I/O interface panel. Equipped with the Nomad Total Command™ (NTC) asset automation and control system, three HVAC units for cooling, and a Powertech 30kW generator, these platforms deliver reliable performance in demanding environments.

### FEATURES //

- Ford F-550 4x4 Crew Cab Chassis
- Super Single Conversion with Rough Terrain Suspension
- Automatic Leveling System
- Custom Test and Telemetry Shelter
- Mission-Ready to Accept Customer Test Equipment
- External I/O Interface Panel
- Three HVAC Units to Support Test Equipment Cooling
- LED Work Lighting
- Nomad Total Command™ (NTC) Asset Automation + Control
- Powertech 30kW Generator
- Pneumatic Mast

**Delivery Date:**  
11/4/2022

