

U.S. AIR FORCE

MOBILE TELEMETRY VEHICLE



MISSION // The United States Air Force (USAF) developed a mission need for mobile Test & Evaluation (T&E) platforms to support reliable, repeatable, real-time flight testing for a variety of airborne platforms. A high mobility solution was essential for delivering specialized test equipment to areas with unimproved roads.

SOLUTION // Nomad GCS engineered, manufactured, and integrated three custom TCV Max Mobile Telemetry Vehicles to support flight tests on the sprawling desert expanses of USAF test ranges. Specialized mounting for the integral TCS 2.0 antennas and 29.5-foot MIL-STD mast systems provide test instrumentation deployment solutions. In each vehicle, NeverDown™ Power Management systems support three operator workstations for extended remote testing activities. To address rough terrain conditions, Nomad upfitted the chassis with super single tires and ruggedized suspension packages.

FEATURES //

- Ford F-550 4x4 Crew Cab Chassis
- Ruggedized Suspension Package
- Customized TCV Max Shelter with Auto Leveling
- NeverDown™ Hybrid Power Management
- Nomad Total Command™ Platform Automation System
- TCS 2.0 Antenna Mount, 29.5' MIL-STD Mast, and Weather Station
- Two 21U Electronics Racks with Rack-Mount UPS
- Three Operator Workstations with Galley
- Situational Awareness Camera Package
- Three-Vehicle Order

Delivery Date:
8/17/2023

