Füze Veri Toplama ve Kayıt Sistemi

Missile Data Acquisition and Recording Unit

The system is developed for the missile platforms to acquire and record the digital data provided by the platform’s avionics and analog data provided by the measurement sensors and transmits the data via platform’s datalink. MIDASU is adaptable to the platforms requiring new interfaces by means of its modular structure seamlessly and cost effectively. MIDASU has a rugged Data Storage Unit which collects valuable data for further engineering studies without being damaged by hit impact.
VTB'den farklı olarak VKB, yüksek şok dayanımı ile çarpışma sonrası işlevlini sürdürebilir yetenektedir. FVTKS ürünü aynıyla uçuş öncesi konfigürasyon yüklenebilir ve kayıtlar verilerin okunması amacıyla kullanılabilecek bir FVTKS Yazılımı sunar.

**Options**
- Location designation (Beacon) capability
- Encryption capability
- Data acquisition and recording capability for shock channels

**Main Features**
- Reliable data acquisition/transmission capability during the flight tests and design verification activities of the missiles and other similar airborne platforms on field and in laboratory
- Digital data acquisition and recording capability for various channels
- Analog data acquisition and recording capability for various measurements sensors
- Capable to survive and analyze the stored data upon platform crash

**Data Storage Capacity**
- Vibration measures; IEPE compatible channel
- Acceleration measures; full-bridge compatible channel
- Temperature measures; 3-wire quarter-bridge compatible channel
- Pressure measures; full-bridge compatible channel
- Strain measures; full-bridge compatible channel
- Voltage measures; differential channel

**Military Standards**
- Environmental conditioning in accordance with MIL-STD-901F
- EMI/EMC characteristics in accordance with MIL-STD-461E
- Power characteristics in accordance with MIL-STD-704

**Physical Specifications**
- Weight: Less than 1.2 kg
- Dimensions: Less than 85x85x135 mm
- Type Of Panel Connectors: Micro D