SIMPLIFIED SURVEY SYSTEM
(U.S. ARMY AN/PSN-14)

The world’s best value, precision survey system – based on the proven TALIN™ Inertial Land Navigator
Providing Continuous Accurate Survey Position, Altitude and Azimuth Information on Any Vehicle

**Simplified Survey System Benefits**

- One-half the size of other fielded inertial survey systems
- One-third the weight of other fielded inertial survey systems
- One-third the power consumption of other fielded inertial survey systems
- The right choice for today’s military survey requirements
- Available today via NSN 6675-01-537-8990 / DLA contract SPRRA2-11-D-0032

**System Components**

**Honeywell TALIN™ Inertial Land Navigator**
- Uses Honeywell’s proven solid-state sensors
- Demonstrated performance based on over 15,000 systems from the TALIN family fielded on more than 60 platforms worldwide
- TALIN is the U.S. Army’s standard navigation system – >15 National Stock Numbers

**Military Control Display Unit (CDU)**
- Fielded to the U.S. Army and international military customers
- Hand-held for easy data entry
- Adjustable brightness for day and night operations
- Artic glove and MOPP IV compatible

**Honeywell Precision Survey Software**
- Menu structure designed with user input for easy operator training
- Can use any of 118 different datums and stores Survey Control Points
- Has azimuth and position transfer capability

**Printer**
- Ruggedized printer for survey results

**System Features**

**Size**
- 24” L x 16” W x 8” H
- Volume: less than 1.8 cubic feet

**Weight**
- Total system weighs less than 48 pounds

**Power Requirements**
- 56 watts
- Normal Power: 28 Vdc

**Performance***
- 15 minute alignment
- Position: 7 meters CEP with 10 minute zero velocity updates
- Altitude: 3 meters PE with 10 minute zero velocity updates
- Optical Transfer Azimuth: 0.7 mils RMS
- Two-Position Azimuth: 2.0 mils RMS

*Valid for latitudes of 65 degrees South to 65 degrees North

**Reliability**
- Built around TALIN demonstrated MTBF of >50,000 hours
- Designed for streamlined two-level maintenance: operator/organization and depot

**Vehicle Requirement**
- 28 Vdc, 2.0 amperes
- No unique vehicle requirements
- Can be easily used on any vehicle

**Environment**
- Designed for rugged military environments