

# AN/UAS-12A

## Ancillary Support Equipment

### Commitment

Kollsman has more than a decade of experience in designing, developing and establishing related support services for customers worldwide. Whether it is the prompt delivery of a test set to a remote outpost or setting up a major maintenance depot, Kollsman's commitment to support is unparalleled.

### Field and Depot Maintenance

Kollsman's maintenance concept follows that used by the U.S. and Allied Military organizations.

Besides the care and cleaning functions performed by the operator, Direct Support/General Support (Field Level) technicians troubleshoot and replace subassemblies, align and adjust major components, and repair selected subassemblies with discrete components.

At the depot level, technicians perform lower level module and subassembly repair and perform complete equipment overhaul when necessary.



### Battery Power Conditioner (BPC)

The BPC is used with manportable night sights equipped with the integral cooler. It interfaces mechanically and electrically with the primary lithium battery (BA-5590/U) or the secondary NiCad Battery (BB-590/U). The BPC provides power for the night sight and the integral cooler through an output cable to the manportable night sight.



### Boresight Collimator (BSC)

The Boresight Collimator aligns the night sight to equipment such as the TOW optical sight, GLLD or AN/GVS-5 laser rangefinder. The same collimator is used to boresight the AN/TAS-6 (NODLR) or AN/TAS-4A to the support system.



### Vehicle Power Conditioner (VPC)

The 28V electrical power system of an armored vehicle or jeep can be used to power night sight operation. The VPC receives power through an input cable and provides regulated power to the night sight via an output cable.



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## AN/PAM-2 Test Set\*

The AN/PAM-2 is the U.S. Army DS/GS level maintenance set for the Boresight Collimator (SU-93/TAS). The AN/PAM-2 test set consists of an optical collimator and a precision test stand, including highly stable optics that maintain calibration for long periods.



## AN/TAM-5 Test Set\*

The AN/TAM-5 is the U.S. Army DS/GS level maintenance set for the AN/TAS-4A Postamplifier Assembly and is used to align the eyepiece reticle. The AN/TAM-5 contains a test set amplifier and reticle alignment fixture.



## AN/TAM-3A Test Set\*

The AN/TAM-3A is the U.S. Army DS/GS level maintenance set for the Night Vision Equipment Set. It tests ancillary equipment and both closed cycle cooler and Joule-Thompson cooled systems.

The AN/TAM-3A is packed in three cases. One case contains fixtures made especially for the test and alignment of the night sight equipment. The second holds the optical collimator and targets, while the third case contains the oscilloscope, power supply and Digital Volt Meter (DVM).

\*Kollsman provides both 110/60 Hz and 220v/50Hz versions of these test sets.



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