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Major Components:

Simulator; power supply; antenna; breakout box; antenna shield; coaxial cable

Electrical Power Source Relationship:

Alternate operating

Internal Battery Accommodation:

Included

Inclosure Feature:

Multiple item w/carrying case

Test Type For Which Designed:

Functionality test airborne transponder modes, dme's and emitters

Product Name:

Ifr 6000 precision simulator

Special Features:

Xpdr auto test provides a full far part 43 appendix f test; parametric tests include erp, mtl, pulse widths and spacings; separate screens for display of primary elementary and enhanced surveillance parameters; predetermined user selectable xpdr config files allow different classes of atcrbs and mode s transponder to be tested; altitude encoder screen for monitoring encoding altimeter grey code; xpdr and dme setup screens provide user defined operation parameters; single dme test screen provides control over dme frequency/channel, range, rate, rf level, % reply, squitter, ident and echo

Supplementary Features:

Lcd display with automatic light sensing illumination control; internal battery allowing six hours operation before recharge; automatic power shutdown after approximately 15 minutes of non-use when ac power is not connected; compact size and lightweight for one person operation

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T228-a