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**End Application:**

Wilcox electric, mark 10 ils

**Functional Description:**

Used to supply lateral position information during landing

**General Description:**

Ils localizer; frequency range 108 to 112 mh (icao annex 10); frequency stability pom 0.002 pct; power output 15 watts (adjustable); horizontal polarization; vertical coverage up to 7 degrees above the horizontal coverage; horizontal coverage greater than 25 nm within pom 10 degrees from the front course line, greater than 17 nm between 10 degrees and 35 degrees from front course; front course width 2.4 degrees to 2.4 degrees (adjustable); clearance greater than 175 ua at pom 10 deg, greater than 150 ua from pom 10 degrees to pom 35 degrees at all course width settings. Keying characteristics coding 17 code elements plus 3 letter spaces; output 1020 hz tone keyed grd.(dme) . Antenna impedance 50 ohms

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No