TIC

AVIONIC TEST EQUIPMENT FOR BENCH AND RAMP

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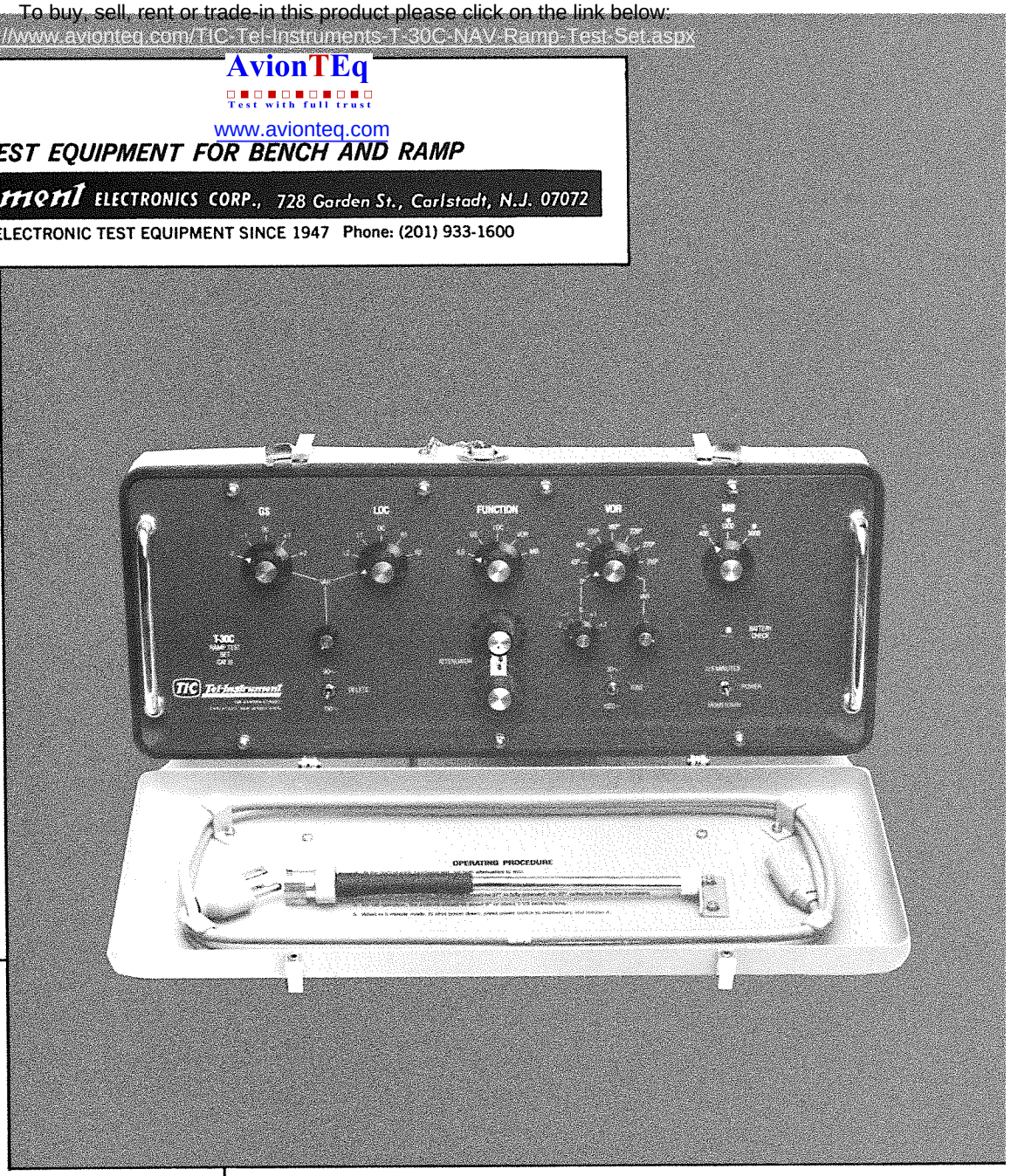

T-30C

VOR / ILS / MB Ramp Test Set

- Permits compliance with CAT III ramp check certification
- Checks VOR, GS, LOC, MB, Flight Director and Autopilot
- Quick, easy one-man operation
- Lightweight and portable. Weighs only 12 lbs.
- Meets requirements of MIL-T-28800C
- Built-in NICAD battery and charger supply
- One year limited warranty
- In stock, ready for immediate delivery
- Backed by 40 years experience in the manufacture of avionics test equipment

The Tel-Instrument Type T-30C Ramp Test Set is designed to meet the requirements of ICAO Annex 10 Category III specifications for one-man cockpit checkout of VOR, ILS, and MB receiving equipments. It can also be used to ground check flight director and autopilot systems.

The Type T-30C provides a highly accurate, simple and straight-forward "go-no-go" test of the aircraft navigation functions. It weighs only 12 pounds, is battery operated, and is housed in a ruggedized aluminum case. The T-30C is designed to meet the requirements of specification MIL-T-28800C.

8704

SPECIFICATIONS

Physical Characteristics.....

Size (in.):	18 x 3-3/4 x 7-1/8
Weight:	12 lbs.
Power:	Battery or external 15 VAC, 50-400 Hz

VOR.....

Frequency:	108.0 MHz ± 0.002%
Modulation:	Audio Frequency — 30/9960 Hz Accuracy — @ ± 0.1% AM Depth — 30% ± 2% FM Deviation Ratio — 16 ± 1% Distortion — < 2%
Indicator Deflection:	Bearing — 0 thru 315; ± 0.33° (in 45° steps) Variable — 100° ± 10° Step — L & R; 5° & 10°
Tone:	1020 Hz ± 1%

LOC.....

Frequency:	108.1 MHz ± 0.002%
Modulation:	Audio Frequency — 90/150 Hz Accuracy — @ ± 0.01% AM Depth — 20% ± 2% Distortion — < 2% Phase Accuracy — 90 to 150 Hz ± 10°
Indicator Deflection:	On course — 0.0 ± 0.0025 DDM ½ Standard — 0.0465 ± 0.004 DDM Standard — 0.093 ± 0.005 DDM Variable — 0 to 0.155 DDM Step — L & R; 1 & 2 dots
Tone:	Delete — 90 or 150 Hz

GS.....

Frequency:	334.7 MHz ± 0.002%
Modulation:	Audio Frequency — 90/150 Hz Accuracy — @ ± 0.01% AM Depth — 40% ± 2.5% Distortion — < 2% Phase Accuracy — 90 to 150 Hz ± 10°
Indicator Deflection:	On course — 0.0 ± 0.0025 DDM ½ Standard — 0.0455 ± 0.004 DDM Standard — 0.091 ± 0.005 DDM Variable — 0 to 0.175 DDM Step — U & D; 1 & 2 dots
Tone:	Delete — 90 or 150 Hz

MB.....

Frequency:	75.0 MHz ± 0.002%
Modulation:	Audio Frequency — 400/1300/3000 Hz Accuracy — @ ± 0.01% AM Depth — 95% ± 4% Distortion — < 8%