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<https://www.avionteq.com/CCX-Technologies-I-RX-RP-Plus-Nav-Comm-Transponder-Radio-Pulse-Tester>

T-RX™

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Avionics Radio & Pulse Tester



A Leap Forward in Avionics Radio & Pulse Testing Technology

The T-RX Radio and Pulse Tester is built for the test requirements of today's modern maintenance shop. A portable tablet with a large color sunlight readable touch-screen, T-RX streamlines testing with an easy to use, intuitive interface, and it collects and stores test data on a secure server.

T-RX Key Features

- + Tests 16 different systems and conducts 108 different tests
- + Rugged and portable tablet
- + 10.4" sunlight-readable color touch screen
- + Intuitive user interface
- + Internal and external antenna, or direct connection for all functions
- + Additional test-capabilities ready
- + Extended battery life

T-RX™

Avionics Radio & Pulse Tester

Technical Information

Form Factor	13.2"L x 8.3"W x 2"H (33.5cm x 21.1cm x 5.1cm)
Weight	7.25 lbs (3.29 kgs)
Case	Aluminum
Screen Size	10.4" (26.4cm)
Battery Type	Li-ion Smart Battery
Battery Life	10+ Hours

T-RX Radio Tester

- + VOR
- + Instrument Landing System (ILS)
 - + Localizer
 - + Glideslope
 - + Marker Beacon
- + VHF Comm
- + Antenna SWR
- + Capable of adding optional test functions

T-RX Pulse Tester

- + Transponder Mode A/C
- + Transponder Mode S
- + ADS-B 1090
- + Capable of adding optional test functions

T-RX RP+

- + Includes features of T-RX Radio Tester and T-RX Pulse Tester, plus all optional test functions

Optional Test Functions

- + DME Test
- + ELT Reader
- + HF Comm Generation
- + SELCAL Tone Generation
- + ARINC 429 Rx/Tx
 - + TCAS
 - + ADS-B UAT (978)

Accessories

Keep the T-RX working full-time with these accessories:

- + Rugged case
- + Shoulder strap
- + Additional Battery and External Battery Charger
- + External antenna and cable



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Functionality

Collect, store and retrieve test data. T-RX will collect data during testing, such as Transponder or ADS-B tests, and store them on a secure server. The test data can be identified by aircraft tail number, work order, and technician. The user can then retrieve the data as a report for incorporation in the customer work order.

T-RX's Advanced Data Collection allows maintenance organizations to retrieve the data via an API for incorporation directly in the user's electronic work order systems—saving time by automatically populating specific fields.

T-RX is ideal for the most common radio and pulse testing requirements.

RP+ Tester	Radio Tester	VOR Generation	Receiver sensitivity and bearing accuracy.
		ILS	Instrument Landing System components.
		Localizer	Receiver sensitivity and deviation.
		Glideslope	Receiver sensitivity and deviation.
		Marker Beacon	Receiver sensitivity and Marker Annunciation.
		VHF Comm Generation	Receiver sensitivity, transmitter power, frequency, and modulation.
	Pulse Tester	Antenna SWR	Measures VSWR in VOR/LOC, Glideslope, Marker, VHF Com, ELT, ADS-B and Transponder bands.
		Transponder Mode A/C	Power, Frequency, Receiver Sensitivity, SLS, Mode A code and Mode C altitude.
		Transponder Mode S	Power, Frequency, Receiver Sensitivity, SLS, Mode A code and Mode C altitude, Mode S parameters.
	Optional Test Functions	ADS-B 1090	Power, Frequency, Receiver Sensitivity, SLS, Mode A code and Mode C altitude, Mode S parameters, Extended Squitter, ADS-B OUT parameters.
		DME	Receiver sensitivity, transmitter power, frequency, distance, and velocity.
		ELT Reader	406MHz power, frequency, and reply decoding. Can also test the legacy 121.5MHz ELT.
		HF Comm	Receiver sensitivity, transmitter power, frequency, and modulation.
		SELCAL	Generate SELCAL tones modulated over HF or VHF.
		ARINC 429	Transmit and Receive, Label encoding and decoding.
		TCAS	Replies to TCAS interrogations at user selectable altitudes and ranges.
		ADS-B 978	Receiver sensitivity, power, frequency, ADS-B OUT parameters.