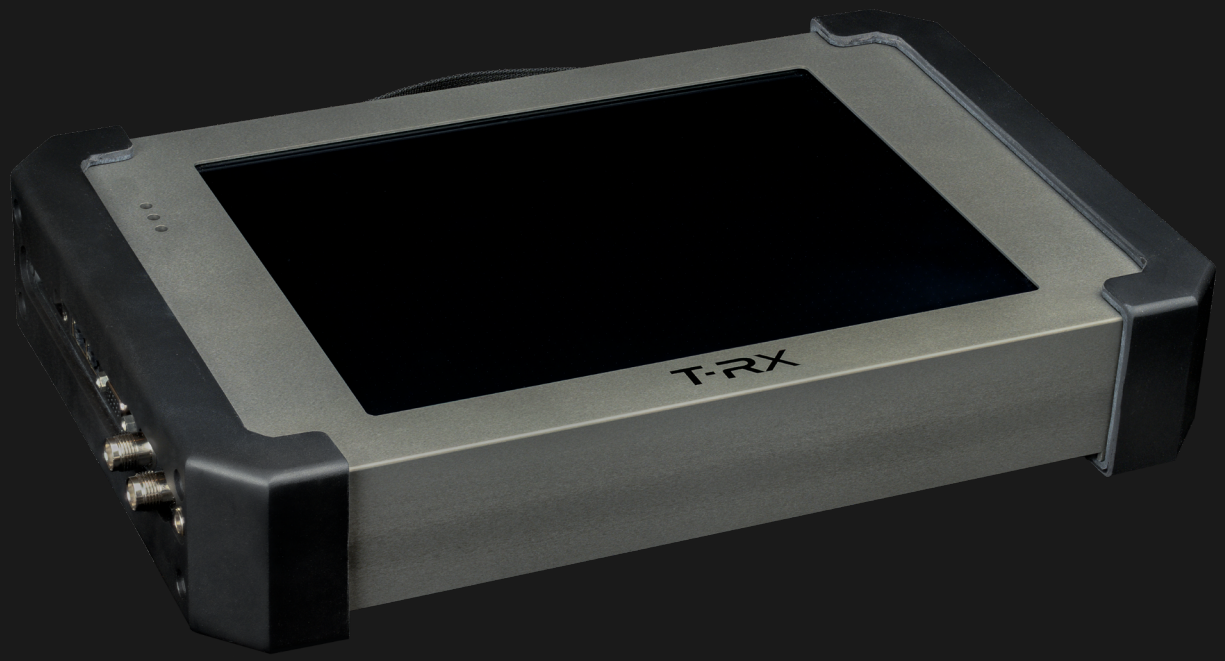
T-RX™

Avionics RP+ 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

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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.

Technical Information

Form Factor	13.2"L x 8.3"W x 2"H (33.5cm x 21.1cm x 5.1cm)
Weight	5.07 lbs (2.3 kgs)
Case	Aluminium
Screen Size	10.4" (26.4cm)
Battery Type	Li-ion Smart Battery
Battery Life	10+ Hours

Test Functions

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.
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.
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.

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European Distributor

Call: +49(0)175 / 745 5616
Email: jwa@airplus.aero
Visit: airplus.aero

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