



Trailing Edge Flap Asymmetry and Lockout Preventive Measures Device

The RP-1212 Test Box is custom-built to interface seamlessly with ReliablePlane™ and the aircraft, providing maintenance technicians with unique insights into Trailing Edge Flap performance.

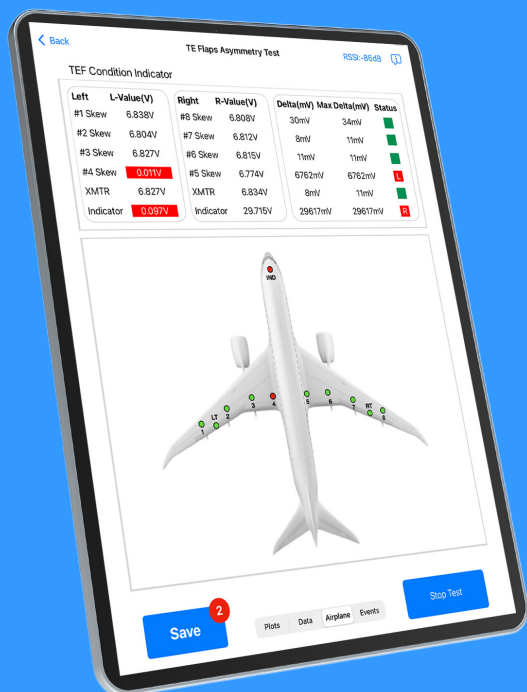
Using interface cables connected to the E&E compartment and flight deck, the RP-1212 transmits data wirelessly to the ReliablePlane™ App via Bluetooth. As the Trailing Edge Flaps are lowered, electrical data from skew sensors, flap position transmitters, and the flap position indicator is displayed in real-time within the app.

The software monitors voltage differences between transmission pairs, and if the delta voltage exceeds set limits, it identifies the faulty component and alerts the maintenance technicians. Like all ReliablePlane™ products, test data can be saved and uploaded to the cloud for further analysis and record-keeping.



Device Specifications:

Model / Part No.	RP-1212 / 99041212
Boeing Tool No.	SPL-25095
Input	12 Simultaneous Analog Channels
Interface	Boeing C27110 Cable Assembly
Input Connectors	·J1: MIL-DTL-38999 - 15-35 - 37P. ·J2: MIL-DTL-38999 - 11-35 - 13P.
Bluetooth	BLE 5.0
BLE Data Transmission Rate	Up to 5 notifications/s
External Power	5V DC / 500mA (USB-C)
Battery	4xAA Batteries
BLE Range	Up to 250 ft
Software Compatibility	ReliablePlane™ iPad OS app



For more info visit
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