



INDUSTRY SPOTLIGHT: LOOP RESISTANCE TESTING FOR AIR CARGO CONVERTERS

Carry out loop resistance testing during the conversion process quickly, easily and reliably using the ExLRT from MK Test Systems.

REDUCE THE LOAD OF LOOP TESTING

Coronavirus has impacted all areas of the aviation industry. As the world reacts to the pandemic there is a reported uplift in conversions of passenger planes to freighter aircraft – meaning the quality and speed in turnaround of your business is more vital than ever.

We know carrying out the testing on aircraft once you've converted them is a necessary but laborious process. You're looking at ways to reduce testing time (and therefore cost), and your operators want a simpler and better tool to get the job done.

The ExLRT is a modern tool designed for business like yours. It's been developed in collaboration with The Boeing Company and is listed in the AMM. It's a major upgrade on the legacy LRT tool, and **ROI can be achieved in 3 months.**

INDUSTRY:

PTF; cargo / freight aircraft converters; maintenance, repair & overhaul.

REQUIREMENT:

Ease of use; data integrity, specified in Aircraft Maintenance Manual (AMM).

SOLUTION:

ExLRT - Intrinsically Safe Loop Resistance Tester.

BENEFITS:

Accurate results; cost & time savings; listed in AMM; Intrinsically Safe





“A major technical advancement from existing LRTs.”



BENEFITS FOR CARGO CONVERTERS & MROs:

In a nutshell, **the ExLRT is listed in The Boeing Company AMM** as a suitable loop resistance testing tool for use in fueled aircraft – so it’s fully approved for use by cargo & freighter converters and MROs. **It also offers the following benefits:**

1 SIZE & WEIGHT

The ExLRT is **82% lighter** than the legacy LRT – it weighs just 3kg (6lbs).

Airframe engineers frequently tell us that the legacy tool weighs them down – it’s very bulky to move around a hangar, and it isn’t fit for purpose with modern health and safety principles in place.

The size and weight of the ExLRT make a big difference to how operators can move, handle and use the tool. It can be worn by the operator and can easily be lifted for placing on a suitable surface.

2 TECHNOLOGY DESIGNED FOR YOU

Designed for use in the hangar and on the flight line, this is a tough tool full of features to make testing easier and quicker:

- ✓ Large easy-to-read screen.
- ✓ LEDs indicators on probes and clamps provide instant results.
- ✓ Controls on probes to accept / re-test.
- ✓ Simple loop or joint measurements can be taken straight from power-on.
- ✓ Test measurements are verified by The Boeing Company as equivalent or superior to the existing LRT.
- ✓ Replaceable batteries; no downtime whilst the tool is charging.

3 INTRINSICALLY SAFE

It’s simple – the ExLRT is certified as Intrinsically Safe in line with all global standards.

Our Division 1; Zone 1 certification means the ExLRT can be used even where “explosive gases are likely to be present”. Working on repurposed aircraft means this is the safest loop testing tool available to you, wherever you are on the planet.

We’re proud to share our Intrinsic Safety certificates – they’re available on our website.



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