



AIRBUS SELECT BESPOKE MK TEST SYSTEM FOR SINGLE AISLE FUSELAGE PRODUCTION LINE

Global aerospace manufacturer Airbus approached MK Test Systems to work on a bespoke testing solution for its commercial aircraft division.

The industry leading manufacturer designs and produces commercial aircraft, helicopters, military transports, satellites and launch vehicles and has worked with MK Test Systems on multiple projects in a relationship spanning 22 years.

THE CHALLENGE

The production of large quantities of single aisle fuselages meant Airbus was looking for a highly efficient, production line oriented testing regime to ensure it could quickly test commercial aircraft bodies during construction.

THE SOLUTION

The bespoke solution was developed by MK Test's skilled engineering team who created a bespoke trolley to carry testing equipment, with built in racks. Specially mounted LED lights guide operators to the correct connectors to link, reducing hook up time before the test programme can be implemented.

CUSTOMER:	Airbus
APPLICATION:	Large volume single aisle fuselage production line
REGION:	EMEA
SOLUTION:	BLTU3 / BLTU4 automatic bond and loop tester

SYSTEM SPEC:

- Distributed system
- Pre equipped trolley configuration
- 2 & 4 wire continuity resistance / 1500VDC insulation / dielectric test
- 10A automatic bond test
- Full function test via EEM. The system distributes actuation signals to active components in the aircraft, replicating aircraft operating power supplies.
- Active XRef intelligent interface management system.
- LED control of adaptor cable location.
- Automatic program generation from Asterics database.

