



Metals Testing Company

News Release

Bondline Testing of Aircraft Honeycomb Structures now available from Metals Testing Company

Metals Testing Company (MTC) now provides Ultrasonic (UT) inspection services for aircraft related parts consisting of aluminum skins bonded to a honeycomb core. Based upon a specialized contact UT method, such inspections can be performed at our South Windsor, Connecticut facility, a customer's facility, or field location using a portable C-Scan data acquisition system.

The first use of this new service was conducted on a military aircraft wing elevator tab. The inspection of the nearly 3-meter long part was performed using a manual scanner inputting to a color C-Scan system.

MTC, located in South Windsor, CT (USA) provides NDT laboratory inspection services to various markets ranging from aerospace to automotive industries. MTC capabilities include immersion and contact ultrasonics (UT), chemical etch and etch anodizing, fluorescent penetrant inspection (FPI), magnetic particle inspection (MPI), metal cleaning, and analytical lab. With regard to aircraft engine manufacturers, MTC is one of the few approved independent laboratories in the world for providing Blue Etch Anodize (BEA) inspections. MTC also specializes in the inspection of critical rotating parts.

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