



Reliability Testing

Experience

CTA's reliability test laboratory was set up in 2007. We have extensive experience in the field of aerospace component weakness detection, using HALT technology to cause specimen failure with a combination of high-level vibrations and thermal conditions.

Know-How

At CTA, we believe that while customers know specimens better than anyone else and when failures are likely to arise, our reliability testing allows consideration of all the relevant factors to provide more precise information.

Due to our know-how gained through experience, we are experts in HALT testing, specific test chamber control and monitoring and post-test data processing.

Capacities

Electrodynamic vibration systems combining thermal conditions from -55°C to 70°C

HALT chamber:

Max. internal volume 1m³

Temperature range: from -100°C to +200°C

Max. temperature variation rate: 60°C/min

Max. acceleration: 60g_{rms}