



- **CORPORATE/ MFG HEADQUARTERS**
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November 16, 2013

Re: MIL-STD testing on SKB 3i series case

SKB was recently awarded a large US Military contract for transit cases designed to house a life saving piece of personal safety equipment designed for NBC (Nuclear, Biological, & Chemical) warfare threats. Due to the extreme operating environment, and vital importance of the mission, the specifications required that our customer complete a full battery of Military Standard testing on our 3i series case. All testing was done at an ISO/IEC 17025 and ISO 9001 certified third party test laboratory. The case being tested was our 3i-2011-7B, but the entire series would be qualified by reasons of similarity. The following are the Military Standard tests that we performed, and passed successfully:

Storage Temperature – High +71°C (+160°F) MIL-STD-810E Method 501.3, procedure I, storage

Storage Temperature – Low -56°C (-69°F) MIL-STD-810E Method 502.3, procedure I, storage

Storage Temperature – Shock 16°C per minute, -39°C to +23°C, +23°C to -39°C, +23°C to +52°C, +52°C to +23°C MIL-STD-810E Method 503.3

Storage Humidity Cycling – 5 to 100% RH, MIL-STD-810E, Method 507.3, procedure II, induced

Fungus – 28 days, MIL-STD-810E, Method 508.4, procedure I

Altitude – 40,000 feet above sea level, MIL-STD-810E, Method 500.3, procedure I

Transport Vibration, Basic Transportation, MIL-STD-810E, Method 514.4, category 1, procedure I

Transport Vibration, Loose Cargo Transport, MIL-STD-810E, Method 514.4, category 3, procedure III

Transport Shock, Transit Drop (26 drops), MIL-STD-810E, Method 516.4, procedure IV

Salt Fog, MIL-STD-810E, Method 509.3, procedure I, Aggravated Screening

Solar Radiation, MIL-STD-810E, Method 505.3, procedure II

Rain, MIL-STD-810E, Method 506.3, procedure I, Blowing Rain (4"/hr @ 40 mph)

Sand and Dust, MIL-STD-810E, Method 510.3, procedure I, Blowing Dust (@ +23°C & +52°C)

Sand and Dust, MIL-STD-810E, Method 510.3, procedure II, Blowing Sand (@ +52°C)

Immersion, MIL-STD-810F, Method 512.4, procedure I (@ 1M depth)

Test results are on file at SKB's corporate office. If you should have a project requiring such tests, or if you have any questions regarding the above testing please feel free to contact me at your convenience.

Regards,

A handwritten signature in black ink, appearing to read "R. Wilkes", is located below the "Regards," text.

Robert Wilkes
Sr. Vice President