



Advanced Navigation
Email: info@advancednavigation.com.au
Phone: +61 2 9099 3800
ABN: 49 156 101 549
Level 8, 37 Pitt Street
Sydney NSW 2000
Australia

21 Aug 2017

Declaration of Conformance – Environmental

PRODUCT:

Spatial FOG

SECTION I – MANUFACTURER INFORMATION

Advanced Navigation Pty Ltd
Lvl 8, 37 Pitt st, Sydney, NSW 2000, Australia

Telephone: +61 2 9099 3800
Date Prepared: 21 August 2017

SECTION II – CONFORMANCE INFORMATION

Using the following methods, this product, has been tested in accordance with the test standard MIL-STD-810G:

- **Altitude Test** - Method 500.6, 1 hour at simulated altitude of 70,000ft. (Operational)
- **Altitude Test** - Method 500.6, 1 hour at simulated altitude of 70,000ft. (Non-Operational)
- **High Temperature Test** - Method 501.6, 6 hours at +75°C. (Operational)
- **High Temperature Test** - Method 501.6, 2 hours at +85°C following stabilisation. (Non-Operational)
- **Low Temperature Test** - Method 502.6, 6 hours at -40°C. (Operational)
- **Low Temperature Test** - Method 502.6, 2 hours at -40°C following stabilisation. (Non-Operational)
- **Humidity** - Method 507.6, Natural B1 Cycling. 10 cycles. (Operational)
- **Salt Fog** - Method 509.6, 48 hours salt spray & 48 hours drying. Unit (Non-Operational)
- **Immersion** - Method 512.6, 1m depth. 30-minute duration. (Non-Operational)
- **Vibration** - Method 514.7, Category 24. 8Grms. 30 minutes per axis. (Operational)
- **Vibration** - Method 514.7, Category 24. 12Grms. 30 minutes per axis. (Non-Operational)
- **Shock** - Method 516.7, 9g, 11ms, Saw Tooth. (Operational)
- **Shock** - Method 516.7, 40g, 11ms, Saw Tooth. (Non-Operational)
- **Bench Handling** - Method 516.7, 4 drops per pivot point. 16 drop in total. (Non-Operational)

Signed:

A handwritten signature in blue ink, appearing to read "CSH", written over a light blue horizontal line.

Chris Shaw – Lead Hardware Engineer