



Certificate of Test Compliance

Worked Performed For:

Pelican Products
23215 Early Ave.
Tustin, CA 90505

Job No. 10608

Contract No. N/A

Purchase Order No. 4500341642

Date 07/03/2025

Random Vibration Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1705 Air – 32.27" L x 14.56" W x 7.30" H was subjected to random vibration per DEF STAN 81-41 Part 3/4 Par. 24.

Pre-Conditioning:

Temperature: 25°C ± 10°C

Humidity: 60% ± 15%

Duration: 16 hours or until specimen has reached temperature stabilization (whichever is the shortest period)

Testing:

Test Frequency: 5 to 350 Hz

Test Level: Noted Below

Vibration Type: Sinusoidal

Orientations: 3 (Front/Back, Side/Side, Top/Bottom)

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 24 specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10608.

Test Summary:

Install the test specimens to the vibration test setup in the first orientation. Photograph the test setup.

The cases shall be vibrated for 2 hours in each of three mutually perpendicular axes at a vibration amplitude of (± 6mm peak from 5 to 9 Hz) and (± 2 g peak from 9 to 350 Hz) and a continuous logarithmic rate of 0.75 ± 0.25 octave per minute. Perform a visual examination and document all results.

All testing was performed per the test requirements and test summary stated above. There was no visible damage to the test specimens upon completion of testing.

ISO Certification

Available Upon
Request

Prepared by:

Omar Ruelas, Test Engineer I

Approved By:

Farrah Morones, Environmental Test
Operations Manager