



# Certificate of Test Compliance

**Worked Performed For:**  
Pelican Products  
23215 Early Ave.  
Tustin, CA 90505

**Job No.** 10583  
**Contract No.** N/A  
**Purchase Order No.** 4500275880 ; 4500273821  
**Date** 04/04/2023

## Vibration Test

### Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1300 - 10.67" L x 9.76" W x 6.89" H was subjected to 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)  
No. of Specimens: Eight (8)  
Test Freq.: 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. 10583.

### 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:**

\_\_\_\_\_  
Farrah Morones, Environmental Test  
Operations Manager

**Approved By:**

\_\_\_\_\_  
Mike Gallo, CEO & President



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**Date** 04/17/2023

## Vibration Test

### Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1595 - 17.79" L x 10.63" W x 28.51" H was subjected to 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)  
No. of Specimens: Eight (8)  
Test Freq.: 5 to 350 Hz  
Test Level: Noted Below  
Vibration Type: Sinusoidal  
Orientations: 3 (Front/Back, Side/Side, Top/Bottom)

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**Date** 04/04/2023

## Vibration Test

### Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1700 - 38.45" L x 16.38" W x 6.14" H was subjected to 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)  
No. of Specimens: Eight (8)  
Test Freq.: 5 to 350 Hz  
Test Level: Noted Below  
Vibration Type: Sinusoidal  
Orientations: 3 (Front/Back, Side/Side, Top/Bottom)

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## Vibration Test

### Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1720 - 44.48" L x 16.08" W x 6.25" H was subjected to 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)  
No. of Specimens: Eight (8)  
Test Freq.: 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. 10583.

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## Vibration Test

**Test Requirements:**

Kelly Space & Technology Inc. certifies that the Case, Part No. 1750 - 53.06" L x 10.05" W x 5.13" H was subjected to 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)

No. of Specimens: Eight (8)

Test Freq.: 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. 10583.

**Test Summary:**

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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.

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## Vibration Test

### Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1755 – 57.81" L x 16.71" W x 8.86" H was subjected to 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)  
No. of Specimens: Eight (8)  
Test Freq.: 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. 10583.

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