



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 04/10/2023

Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

Pre-Conditioning:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Humidity: $60\% \pm 15\%$

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

Vertical Impact:

Drop Height: $39.4'' \pm 0.79''$

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 19 specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

Test Summary:

Lift the case and hold it at $39.4'' \pm 0.79''$ between the lowest point of the case and at the time of release and the nearest point on the impact surface. Upon completion of the drop, perform a visual inspection and document the results. Repeat one drop for each additional case side.

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 other than some scuffing to the case exterior due to impact.

ISO Certification

Available Upon
Request

Prepared by:

Farrah Morones, Environmental Test
Operations Manager

Approved By:

Mike Gallo, CEO & President



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Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

Pre-Conditioning:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Humidity: $60\% \pm 15\%$

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

Vertical Impact:

Drop Height: $39.4'' \pm 0.79''$

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

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Test Summary:

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Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

Pre-Conditioning:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Humidity: $60\% \pm 15\%$

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

Vertical Impact:

Drop Height: $39.4'' \pm 0.79''$

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

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Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

Pre-Conditioning:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Humidity: $60\% \pm 15\%$

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

Vertical Impact:

Drop Height: $39.4'' \pm 0.79''$

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 19 specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

Test Summary:

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Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

Pre-Conditioning:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Humidity: $60\% \pm 15\%$

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

Vertical Impact:

Drop Height: $39.4'' \pm 0.79''$

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

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Vertical Impact 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 Vertical Impact per DEF STAN 81-41 Part 3/4 Par. 19.

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)

Vertical Impact:

Drop Height: 39.4" ± 0.79"

Drops: One on each side

Impact Surface: A solid mass at least 20 times that of the heaviest case and an area sufficiently large to ensure that the case fall entirely upon the surface.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 19 specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

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