This report contains true and correct data obtained in the performance of the test program set forth in your purchase order. Test methods, results, and equipment used are recorded on these data sheets.

Where applicable, instrumentation used in obtaining this data has been calibrated using standards which are traceable to the National Institute of Standards and Technology.

SUMMARY:

One Case, Part No. 1440 (no serial number), was subjected to Vibration, Low Temperature, Dry Heat, and Impact Testing in accordance with DEF STAN 81-41 (Part 3)/Issue 4 and the following paragraphs:

Vibration Test K................................. Paragraph 24
Low Temperature Test G...................... Paragraph 21
Dry Heat Test C................................ Paragraph 17
Impact (Vertical) Test E...................... Paragraph 19

Complete test details, including photos and equipment lists, and test results are contained in this report.

Test Dates: 3/7/07-3/16/07

STATE OF CALIFORNIA
COUNTY OF SAN BERNARDINO  SS.

Phillip Knoll

being duly sworn, deposes and
says: That the information contained in this report is the result of complete and carefully conducted tests and is to the best of his knowledge true and correct in all respects.

SUBSCRIBED and sworn to before me this 3 day of Apr., 2007 by Phillip Knoll personally known to me or proved to me on the basis of satisfactory evidence to be the person who appeared before me.

TEST OPERATIONS

TEST ENGINEER

M. Bovard

DEPT. MANAGER

Phillip Knoll

QUALITY ASSURANCE

G. Montgomery

CAROL A. GARRITY
Commission # 1472052
Notary Public - California
Riverside County
DATA SHEET

Customer: Pelican Products, Inc.
Job No.: T54402
Date: 3/6/2007
Specimen: Case

RECEIVING INSPECTION

No. of Specimens Received: One (1)

Record identification information exactly as it appears on the tag or specimen:

Manufacturer: Pelican Products, Inc.

<table>
<thead>
<tr>
<th>P/N's</th>
<th>S/N's</th>
</tr>
</thead>
<tbody>
<tr>
<td>1440</td>
<td>N/A</td>
</tr>
</tbody>
</table>

How does identification information appear: (name plate, tag, painted, imprinted, etc.)

Label

Examination: Visual, for evidence of damage, poor workmanship, or other defects, and completeness of identification.

Inspection Results: There was no visible evidence of damage to the specimen(s) unless otherwise noted below.

Inspected By: [Signature]
Sheet No.: 1 of 1
Approved: [Signature]
Date: 3/6/07

SB - 614 - Rev. 08/06
DATA SHEET

Test Title: Vibration

Customer: Pelican Products, Inc.
Specimen: Case
Part No.: 1440
Spec: DEF STAN 81-41 Part3/4

Job No.: T54402
Serial No.: See Rev. Insp.
Par. 14 and 24

Date Started: 3/7/2007
Date Comp.: 3/7/2007
Photo: Yes
Amb. Temp.: 25 ± 10°C

Requirements:

Pre-Conditioning:
- Temperature: 25±10 °C
- Humidity: 45% to 75%
- Duration: 16 hours or until specimen has reached temperature stabilization (whichever is the shortest period)

Vibration:
- Test Level: ± 0.23” (± 6 mm) peak (0.46” DA) from 5 to 9 Hz and ±2g peak from 9 to 350 Hz
- Sweep Rate: 0.75 ± 0.25 octave per minute
- Test Duration: Depending on test specimen weight, see below
- Orientation: Depending on test specimen weight see below

Test Method:

Weigh the test specimen.

Place the test specimen in a test chamber on the face on which it normally is expected to be transported or stored. Install a thermocouple on the test specimen. Maintain the chamber at 25±10 °C and 45% to 75% relative humidity for 16 hours or until the specimen has reached temperature stabilization (i.e. test specimen temperature stable with chamber temperature).

After pre-conditioning:

Immediately after removal from the conditioning chamber strap the test specimens to a vibration machine. Subject the test specimens to the following vibration test. Axis designations are to be Top to Bottom, Side to Side, and Front to Back.

For each test specimen whose weight is up to and including 154.3 pounds (0-70 kg), vibrate each test specimen for 2 hours in each of the three mutually perpendicular axis at a vibration amplitude of ± 0.23” (± 6 mm) peak (0.46” DA) from 5 to 9 Hz and ±2g peak from 9 to 350 Hz and a sweep rate of 0.75±0.25 octave per minute.

NOTE: If because of the geometry of the test specimen, it is considered impractical or unnecessary to vibrate the test specimen in a particular axis, the test specimen shall be vibrated for 3 hours in each of the two remaining axes.

(Continued)
DATA SHEET

Test Title: Vibration
Customer: Pelican Products, Inc.
Specimen: Case
Part No.: 1440

Date: 3/7/2007
Job No.: T54402
Technician: S. Buckler
Engineer: M. Bovard

(Continued)

Perform a visual examination. Any malfunction of the fittings and hardware (seals, closures, hinges, handles, etc.) and any damage to or spillage of the package contents shall constitute a failure of the specimen. Minor visible deterioration of the test specimen shall be noted but does not necessarily constitute failure of the test specimen.

Test Results:

All testing was performed per the Test Method and Requirements stated above. No visual evidence of damage was observed upon completion of testing in each axis.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Axis</th>
<th>Temp. (° F)</th>
<th>Sinusoidal</th>
<th>Test Time (Min.)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Freq. (Hz)</td>
<td>Disp. (&quot;DA&quot;)</td>
<td>Accel (±G)</td>
</tr>
<tr>
<td>2007</td>
<td>Noted</td>
<td>Noted</td>
<td>Amb.</td>
<td>5-350</td>
<td>Noted</td>
<td>Noted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5-9</td>
<td>0.46</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9-350</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>3/7</td>
<td>0747</td>
<td>F-B</td>
<td>Amb.</td>
<td>5-350</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0947</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/7</td>
<td>1024</td>
<td>S-S</td>
<td>Amb.</td>
<td>5-350</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1224</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/7</td>
<td>1307</td>
<td>T-B</td>
<td>Amb.</td>
<td>5-350</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1507</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

sine
SB - 589A - Rev. 08/06

Signed: [Signature]
3/7/2007
Photograph 4

Vibration Test Setup (Top to Bottom Axis)
Sine

Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 15
Sweep direct.: up
Sweep rate: 0.77 Oct/min
Contr.strat.: Average
Unit: g

-- Testing time --
elapsed: 000:07:59
remaining: 001:52:01

Date: 03-07-07
Time: 07:55:38

Front to Back Axis Sine Vibration
Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 8
Sweeps req.: 15
Sweep direct.: down
Sweep rate: 0.77 Oct/min
Contr.strat.: Average
Unit: g

-- Testing time --
elapsed: 001:04:01
remaining: 000:56:00

Date: 03-07-07
Time: 08:51:40

Front to Back Axis Sine Vibration
Sine

Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 15
Sweep direct.: up
Sweep rate: 0.77 Oct/min
Contr.strat.: Average
Unit: g

-- Testing time --
elapsed: 000:07:59
remaining: 001:52:01

Date: 03-07-07
Time: 10:32:54

Side to Side Axis Sine Vibration
Sine

Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 8
Sweeps req.: 15
Sweep direct.: down
Sweep rate: 0.77 Oct/min
Contr. strat.: Average
Unit: g

-- Testing time --
elapsed: 001:04:01
remaining: 000:56:00

Date: 03-07-07
Time: 11:28:56

Side to Side Axis Sine Vibration

C:\VcpNT\Daten\Pelican Products Inc T54402\Sine_009.rsn
Sine

Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 15
Sweep direct.: up
Sweep rate: 0.77 Oct/min
Contr. strat.: Average
Unit: g

-- Testing time --
elapsed: 000:07:59
remaining: 001:52:01

Date: 03-07-07
Time: 13:15:04

Top to Bottom Axis Sine Vibration
Sine

Pelican Products, Inc. JN-T54402
Case 1440

Control channel

Sweep type: logarithmic
Sweeps done: 0
Sweeps req.: 15
Sweep direct.: down
Sweep rate: 0.77 Oct/min
Contr.strat.: Average
Unit: g

-- Testing time --
elapsed: 001:04:01
remaining: 000:56:00

Date: 03-07-07
Time: 14:11:05

Top to Bottom Axis Sine Vibration
Sine Control channel

Pelican Products, Inc. JN-T54402
Case 1440

Sweep type: logarithmic
Sweeps done: 15
Sweeps req.: 15
Sweep direct.: up
Sweep rate: 0.77 Oct/min
Contr.strat.: Average
Unit: g

-- Testing time --
elapsed: 002:00:02
remaining: 000:00:00

Date: 03-07-07
Time: 15:07:10

Top to Bottom Axis Sine Vibration
<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>RANGE</th>
<th>WYLE #</th>
<th>CALIBRATION</th>
<th>ACCY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerometer</td>
<td>Endevco</td>
<td>7704-50</td>
<td>0 to 1,000 g's</td>
<td>W10446</td>
<td>10/10/2006</td>
<td>04/10/2007</td>
</tr>
<tr>
<td>Amplifier - Charge</td>
<td>Unholtz-Dickie</td>
<td>D22PM</td>
<td>0 to 1,000 g's</td>
<td>W10673</td>
<td>12/13/2006</td>
<td>06/13/2007</td>
</tr>
<tr>
<td>Chamber - Environmental</td>
<td>Bally</td>
<td>Chamber 3</td>
<td>-80 to +240°F &amp; Rh / 8' x 8' x 7'10&quot; / CO2 &amp; LN2</td>
<td>W50714</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
</tr>
<tr>
<td>Controller - Chamber</td>
<td>Watlow / Omega</td>
<td>922 / CN9000</td>
<td>-100°F to 240°F / 0-100%Rh</td>
<td>W50704</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
</tr>
<tr>
<td>Multimeter/DAS</td>
<td>Keithley</td>
<td>2700</td>
<td>10VDC &amp; Type T TC's</td>
<td>W13690</td>
<td>11/13/2006</td>
<td>11/13/2007</td>
</tr>
<tr>
<td>Oscillator</td>
<td>Tektronix</td>
<td>TDS2002</td>
<td>2 Ch, 60Mhz, 1GS/s</td>
<td>W50749</td>
<td>10/03/2006</td>
<td>10/03/2007</td>
</tr>
</tbody>
</table>

Where applicable, the listed test equipment has been calibrated using standards which are traceable to the National Institute of Science & Technology. Certificates and reports of all calibrations are retained in the Wyle Laboratories QA files and are available for inspection upon request. *Equipment identified as System Calibration are verified prior to use.
<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>RANGE</th>
<th>WYLE #</th>
<th>CALIBRATION</th>
<th>ACCY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rh Probe</td>
<td>Vaisala</td>
<td>HMP13</td>
<td>0 - 100% rH</td>
<td>W11874</td>
<td>11/13/2006</td>
<td>05/13/2007</td>
</tr>
<tr>
<td>Scale</td>
<td>Certified Scale</td>
<td>TR-1-NK</td>
<td>1000 lbs.</td>
<td>W13126</td>
<td>05/08/2006</td>
<td>05/08/2007</td>
</tr>
</tbody>
</table>

Where applicable, the listed test equipment has been calibrated using standards which are traceable to the National Institute of Science & Technology. Certificates and reports of all calibrations are retained in the Wyle Laboratories QA files and are available for inspection upon request. *Equipment identified as System Calibration are verified prior to use.
DATA SHEET

Test Title: Low Temperature

<table>
<thead>
<tr>
<th>Customer</th>
<th>Pelican Products, Inc.</th>
<th>Job No.</th>
<th>T54402</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen</td>
<td>Case</td>
<td>Date Started</td>
<td>3/12/2007</td>
</tr>
<tr>
<td>Part No.</td>
<td>1440</td>
<td>Date Comp.</td>
<td>3/13/2007</td>
</tr>
<tr>
<td>Spec.</td>
<td>DEF STAN 81-41 Part3/4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Par.</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Photo</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amb. Temp.</td>
<td>25 ± 10°C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Requirements:

Temperature: -40 ± 2 °C
Duration: 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the complete package to attain the temperature cannot be assessed

Test Method:

Place the test specimen in a test chamber on the face on which it normally is expected to be transported or stored. Install a thermocouple on the test specimen. Decrease the chamber temperature to -40 ± 2 °C at a rate not to exceed 3 °C per minute. Maintain the chamber at -40 ± 2 °C for either:

1) 16 ± 0.5 hours after specimen has reached test temperature or
2) 7 days ± 1 hour if time required for the complete package to attain the temperature cannot be assessed.

Return the chamber temperature to 20 ± 10 °C at a rate not to exceed 3 °C per minute.

Perform a visual examination. The package is considered to have failed if it is unserviceable or is affected in any way which would potentially cause the test specimen to become unserviceable.

Test Results:

All testing was performed according to the Test Method and Requirements stated above. No visual evidence of damage was observed upon completion of the test.
<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>RANGE</th>
<th>WYLE #</th>
<th>CALIBRATION LAST</th>
<th>DUE</th>
<th>ACCY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber - Environmental</td>
<td>Bally</td>
<td>Chamber 3</td>
<td>-80 to +240°F &amp; Rh / 8' x 8' x 7'10&quot; / CO2 &amp; LN2</td>
<td>W50714</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
<td></td>
</tr>
<tr>
<td>Controller - Chamber</td>
<td>Watlow / Omega</td>
<td>922 / CN9000</td>
<td>-100°C to 240°F / 0-100% Rh</td>
<td>W50704</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
<td></td>
</tr>
<tr>
<td>Multimeter/DAS</td>
<td>Keithley</td>
<td>2700</td>
<td>10VDC &amp; Type T TC's</td>
<td>W13690</td>
<td>11/13/2006</td>
<td>11/13/2007</td>
<td>±2%</td>
</tr>
<tr>
<td>Rh Probe</td>
<td>Vaisala</td>
<td>HMP13</td>
<td>0 - 100% rH</td>
<td>W11874</td>
<td>11/13/2006</td>
<td>05/13/2007</td>
<td>3%</td>
</tr>
</tbody>
</table>

Where applicable, the listed test equipment has been calibrated using standards which are traceable to the National Institute of Science & Technology. Certificates and reports of all calibrations are retained in the Wyle Laboratories QA files and are available for inspection upon request. *Equipment identified as System Calibration are verified prior to use.
DATA SHEET

Test Title:  Dry Heat

Customer:  Pelican Products, Inc.
Specimen:  Case
Part No.:  1440
Spec. No.:  DEF STAN 81-41 Part3/4

Job No.:  T54402
Date Started:  3/13/2007
Date Comp.:  3/15/2007

Serial No.:  See Recv. Insp.
Par. 14 and 17
Photo:  Yes
Amb. Temp.:  25 ± 10°C

Requirements:

Pre-Conditioning:
- Temperature:  25 ± 10°C
- Humidity:  45% to 75%
- Duration:  16 hours or until specimen has reached temperature stabilization (whichever is the shortest period)

Dry Heat Test:
- Temperature:  55 ± 2°C
- Humidity:  Not to exceed 75%
- Duration:  48 ±1 hours

Test Method:

Place the test specimen in a test chamber on the face on which it normally is expected to be transported or stored. Install a thermocouple on the test specimen. Maintain the chamber at 25 ± 10°C and 45% to 75% relative humidity for 16 hours or until the specimen has reached temperature stabilization (i.e. test specimen temperature stable with chamber temperature).

Increase the chamber temperature to 55 ± 2°C at a rate not to exceed 3 °C per minute. Humidity is not to exceed 75%. Maintain the chamber at these conditions for 48 ± 1 hours.

Return the chamber temperature to 25 ± 10°C at a rate not to exceed 3 °C per minute. Perform a visual examination. The package is considered to have failed if it is unserviceable or is affected in any way which would potentially cause the test specimen to become unserviceable.

Test Results:

All testing was performed according to the Test Method and Requirements stated above. No visual evidence of damage was observed upon completion of the test.

Tested By:  [Signature]
Engineer:  [Signature]
<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>RANGE</th>
<th>WYLE #</th>
<th>CALIBRATION</th>
<th>ACCY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber - Environmental</td>
<td>Bally</td>
<td>Chamber 3</td>
<td>-80 to +240°F &amp; Rh / 8' x 8' x 7'10&quot; / CO2 &amp; LN2</td>
<td>W50714</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
</tr>
<tr>
<td>Controller - Chamber</td>
<td>Watlow / Omega</td>
<td>922 / CN9000</td>
<td>-100° to 240°F / 0-100%Rh</td>
<td>W50704</td>
<td>* System Calibration *</td>
<td>Mfg. Spec.</td>
</tr>
<tr>
<td>Multimeter/DAS</td>
<td>Keithley</td>
<td>2700</td>
<td>10VDC &amp; Type T TC's</td>
<td>W13690</td>
<td>11/13/2006</td>
<td>11/13/2007</td>
</tr>
<tr>
<td>Rh Probe</td>
<td>Vaisala</td>
<td>HMP13</td>
<td>0 - 100% rH</td>
<td>W11874</td>
<td>11/13/2006</td>
<td>05/13/2007</td>
</tr>
</tbody>
</table>

Where applicable, the listed test equipment has been calibrated using standards which are traceable to the National Institute of Science & Technology. Certificates and reports of all calibrations are retained in the Wyle Laboratories QA files and are available for inspection upon request. *Equipment identified as System Calibration are verified prior to use.
**DATA SHEET**

**Test Title**: Impact (Vertical)

<table>
<thead>
<tr>
<th>Customer</th>
<th>Pelican Products, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen</td>
<td>Case</td>
</tr>
<tr>
<td>Part No.</td>
<td>1440</td>
</tr>
<tr>
<td>Serial No.</td>
<td>See Rev. Insp.</td>
</tr>
<tr>
<td>Spec.</td>
<td>DEF STAN 81-41 Part3/4</td>
</tr>
<tr>
<td>Par.</td>
<td>14 and 19</td>
</tr>
<tr>
<td>Photo</td>
<td>Yes</td>
</tr>
<tr>
<td>Amb. Temp.</td>
<td>25 ± 10°C</td>
</tr>
</tbody>
</table>

**Requirements:**

Pre-Conditioning:

- **Temperature**: 25±10 °C
- **Humidity**: 45% to 75%
- **Duration**: 16 hours or until specimen has reached temperature stabilization (whichever is the shortest period)

**Test Method:**

Weigh the test specimen.

Place the test specimen in a test chamber on the face on which it normally is expected to be transported or stored. Install a thermocouple on the test specimen. Maintain the chamber at 25±10 °C and 45% to 75% relative humidity for 16 hours or until the specimen has reached temperature stabilization (i.e. test specimen temperature stable with chamber temperature).

After pre-conditioning:

Immediately after removal from the conditioning chamber perform the following vertical impact test. Drop configurations, as applicable, shall be designated top (1), right side (2), base (3), left side (4), near end (5), and far end (6).

For each test specimen whose weight is up to and including 66 pounds (0-30 kg), drop each test specimen once onto its designated base and all perpendicular and parallel faces onto a non-deformable surface at a height of 39.4 ± 0.2" (1000 ± 5 mm).

Perform a visual examination. Any malfunction of the fittings and hardware (seals, closures, hinges, handles, etc.) and any damage to or spillage of the package contents shall constitute a failure of the specimen. Minor visible deterioration of the test specimen shall be noted but does not necessarily constitute failure of the test specimen.

**Test Results:**

All testing was performed according to the Test Method and Requirements stated above. No visible evidence of damage was observed following testing. Note that the left near end clip popped open during both the top impact and near end impact (see following data sheet and photographs for details).
### DATA SHEET

**Test Title**: Impact

**Customer**: Pelican Products, Inc.

**Specimen**: Case

**Part No.**: 1440  
**Serial No.**: See Recv. Insp.

**Date**: 3/16/2007

**Job No.**: T64402

**Technician**: S. Paysen

**Engineer**: M. Bovard

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>CONFIGURATION</th>
<th>HEIGHT</th>
<th>COMMENTS</th>
</tr>
</thead>
</table>
| 3/16  | 0944 | Base          | 39.4"  | Case # 1440  
|       | 0947 | Top           | 39.4"  | No damage observed  
|       |      |               |        | Left near end clip popped open,  
|       |      |               |        | lid did not open  
|       | 0952 | Right Side    | 39.4"  | No damage observed  
|       | 0955 | Left Side     | 39.4"  | No damage observed  
|       | 1020 | Near End      | 39.4"  | Left near end clip popped open,  
|       |      |               |        | lid did not open  
|       | 1029 | Far End       | 39.4"  | No damage observed  

Drop-ifs

Sheet 1 of 1
Photograph 9
Impact Test Setup (Near End Impact)
<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>RANGE</th>
<th>WYLE #</th>
<th>CALIBRATION</th>
<th>ACCY.</th>
</tr>
</thead>
</table>

Where applicable, the listed test equipment has been calibrated using standards which are traceable to the National Institute of Science & Technology. Certificates and reports of all calibrations are retained in the Wyle Laboratories QA files and are available for inspection upon request. *Equipment identified as System Calibration are verified prior to use.