

TEST REPORT NO. 56071



TEST, ENGINEERING AND RESEARCH GROUP, SAN BERNARDINO

Pelican Products, Inc.
23215 Early Avenue
Torrance, CA 90505

Our Job No. T56071
Contract —
Your P.O. No. 4500000981
Date October 1, 2008

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 #1630, Part No. 1630-001-110, was subjected to Drop Testing in accordance with ATA Spec 300, Paragraph B-2-1. Complete test details, including photos and equipment list, and test results are contained in this report.

Test Dates: 9/25/08-10/1/08

STATE OF CALIFORNIA }
COUNTY OF SAN BERNARDINO } SS.

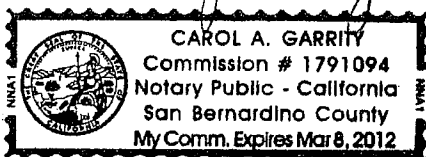
Douglas G. Anderson

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.

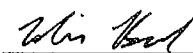


SUBSCRIBED and sworn to before me this 1 day of Oct, 2008 by Douglas G. Anderson proved to me on the basis of satisfactory evidence to be the person who appeared before me.





TEST OPERATIONS

TEST ENGINEER  10/1/08

M. Bovard

DEPT. MANAGER  10/1/08

P. Kroll

QUALITY ASSURANCE  10/1/08

J. Cornaro



DATA SHEET

Customer Pelican Products, Inc. Job No. T56071
Date 9/22/2008
Specimen Case #1630

RECEIVING INSPECTION

No. of Specimens Received: One (1)

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

Manufacturer: Pelican Products, Inc.

P/N's	S/N's
<u>1630-001-110</u>	<u>N/A</u>

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.

recinsp

Inspected By [Signature] 9-22-08
Sheet No. 1 of 1
Approved [Signature] Date 10/1/08



DATA SHEET

Test Title Drop

Customer Pelican Products, Inc. Job No. T56071
 Specimen Case #1630 Date Started 9/25/2008
 Part No. See Recv. Insp. Serial No. See Recv. Insp. Date Comp. 10/1/2008
 Spec. ATA Spec 300 Par. B-2-1 Photo Yes Amb. Temp. 77 ± 18°F

Test Requirements

No. of Specimens: One (1)
 No. of Drops each Specimen: 280
 No. of Drops per Configuration: Varies (see below)
 Impacts Surface: Steel plate, not less than 1/2" thick
 Temperature Requirements: Ambient

<u>Drop Configuration</u>	<u>Drop Height</u>
<u>Face Drop (160 total)</u>	<u>30 inches</u>
<u>Edgewise Drop (80 total)</u>	<u>36 inches</u>
<u>Cornerwise Drop (40 total)</u>	<u>36 inches</u>

Remarks: Perform drops from a quick-release hook or drop tester. Orient the test item so that, upon impact, a line from the struck corner or edge to the center of gravity is perpendicular to the impact surface.

At the conclusion of the test the Specimen(s) was visually examined for evidence of damage.

Test Results:

The test was performed following the Test Requirements stated above. There was some damage to the test specimen observed, one of the wheel assemblies developed a crack during the drops on edge 3-5 and the retractable extension handle broke off during the drops on edge 3-6. No visible damage to the case itself was observed upon completion of testing.

Tested By [Signature] 10-1-08
 Engineer [Signature] 10/1/08



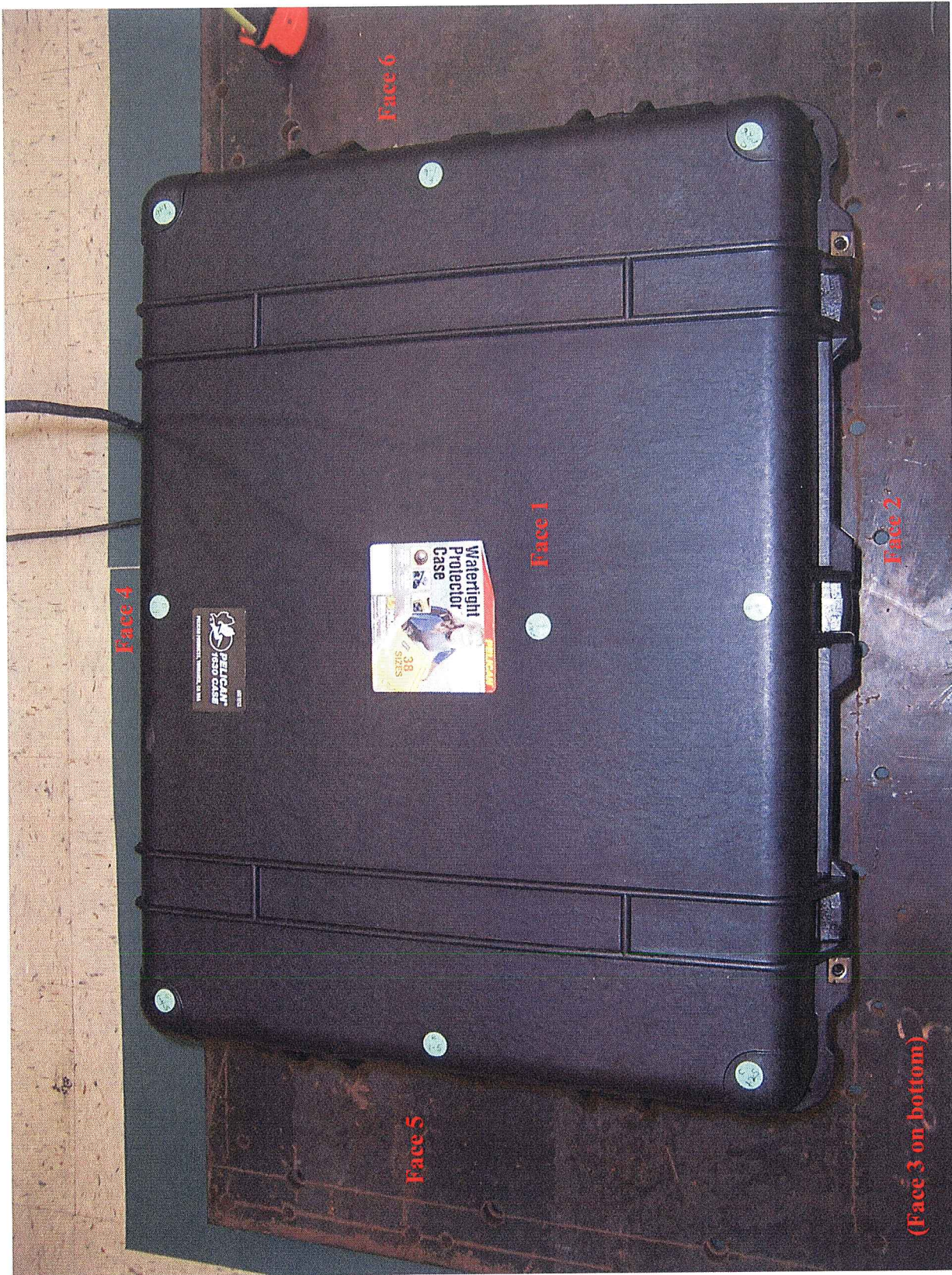
DATA SHEET

Test Title Drop Date 9/25/2008
 Customer Pelican Products, Inc. Job No. T56071
 Specimen Case #1630 Technician I. Garcia *IG 10-1-08*
 Part No. See Recv. Insp. Serial No. See Recv. Insp. Engineer M. Bovard *MB 10/1/08*

DATE	TIME	CONFIGURATION	HEIGHT	COMMENTS
9/25	1322	Face 1	30"	27 drops. No Damage Observed.
9/25	1357	Face 2	30"	27 drops. No Damage Observed.
9/26	0751	Face 3	30"	27 drops. No Damage Observed.
9/26	0835	Face 4	30"	27 drops. No Damage Observed.
9/26	0914	Face 5	30"	26 drops. No Damage Observed.
9/26	1030	Face 6	30"	26 drops. No Damage Observed.
9/26	1110	Edge 1-2	36"	7 drops. No Damage Observed.
9/26	1132	Edge 2-3	36"	7 drops. No Damage Observed.
9/26	1238	Edge 3-4	36"	7 drops. No Damage Observed.
9/26	1254	Edge 1-4	36"	7 drops. No Damage Observed.
9/26	1310	Edge 1-5	36"	7 drops. No Damage Observed.
9/26	1337	Edge 2-5	36"	7 drops. No Damage Observed.
9/26	1345	Edge 3-5	36"	7 drops. Crack on Wheel Bracket.
9/26	1425	Edge 4-5	36"	7 drops. No Damage Observed.
9/26	1435	Edge 1-6	36"	6 drops. No Damage Observed.
9/26	1455	Edge 2-6	36"	6 drops. No Damage Observed.
9/29	0807	Edge 3-6	36"	6 drops. Handle Broke Off.
9/29	0827	Edge 4-6	36"	6 drops. No Damage Observed.
9/30	0840	Corner 1-2-5	36"	5 drops. No Damage Observed.
9/30	0855	Corner 2-3-5	36"	5 drops. No Damage Observed.
9/30	0909	Corner 3-4-5	36"	5 drops. No Damage Observed.
10/1	0736	Corner 1-4-5	36"	5 drops. No Damage Observed.
10/1	0745	Corner 1-2-6	36"	5 drops. No Damage Observed.
10/1	0752	Corner 2-3-6	36"	5 drops. No Damage Observed.
10/1	0800	Corner 3-4-6	36"	5 drops. No Damage Observed.
10/1	0807	Corner 1-4-6	36"	5 drops. No Damage Observed.

Drop-ds

Sheet 1 of 1



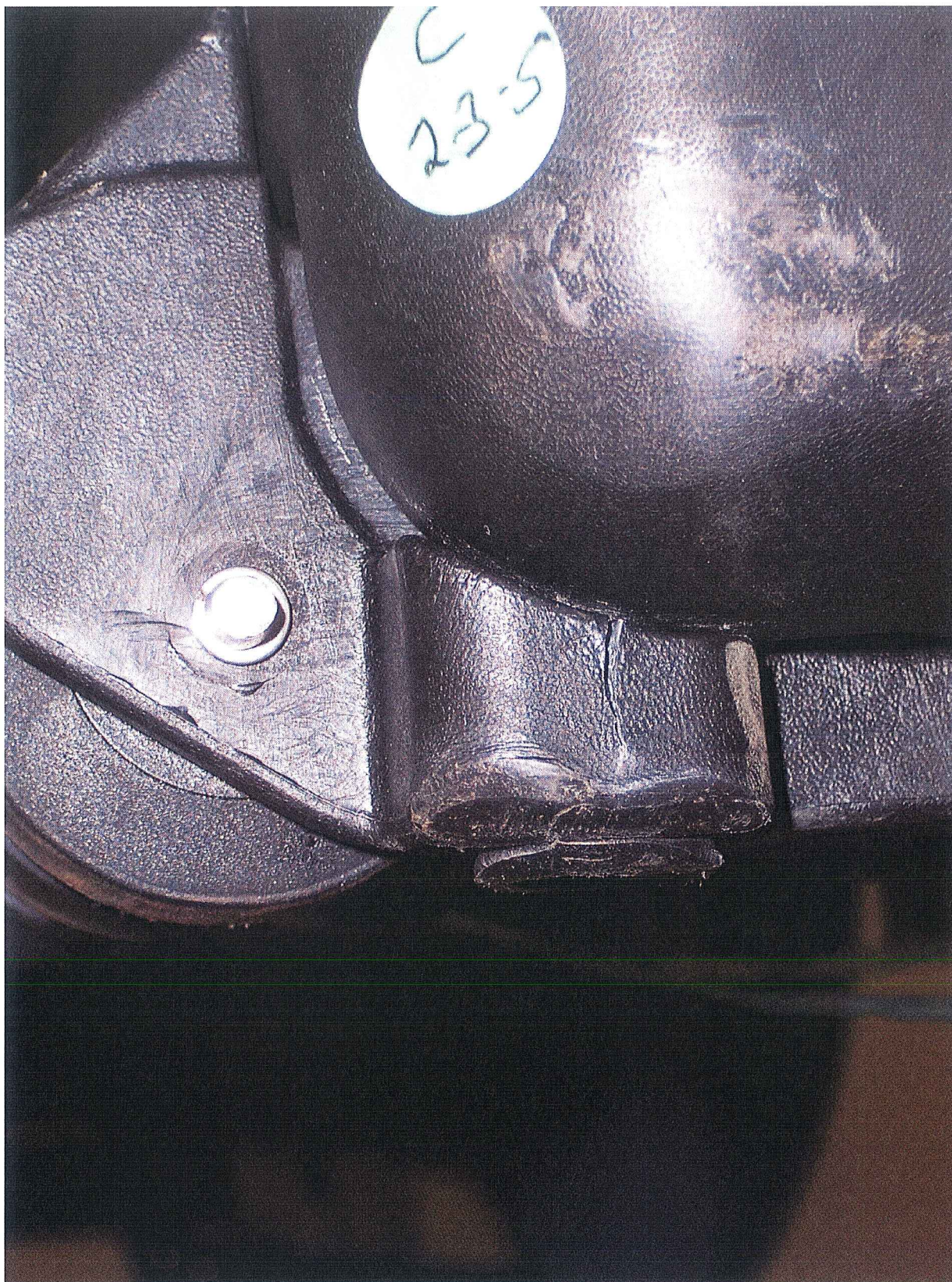
Photograph 1
Drop Test Setup



*Photograph 2
Typical Face Drop*



Photograph 3
Typical Edge Drop



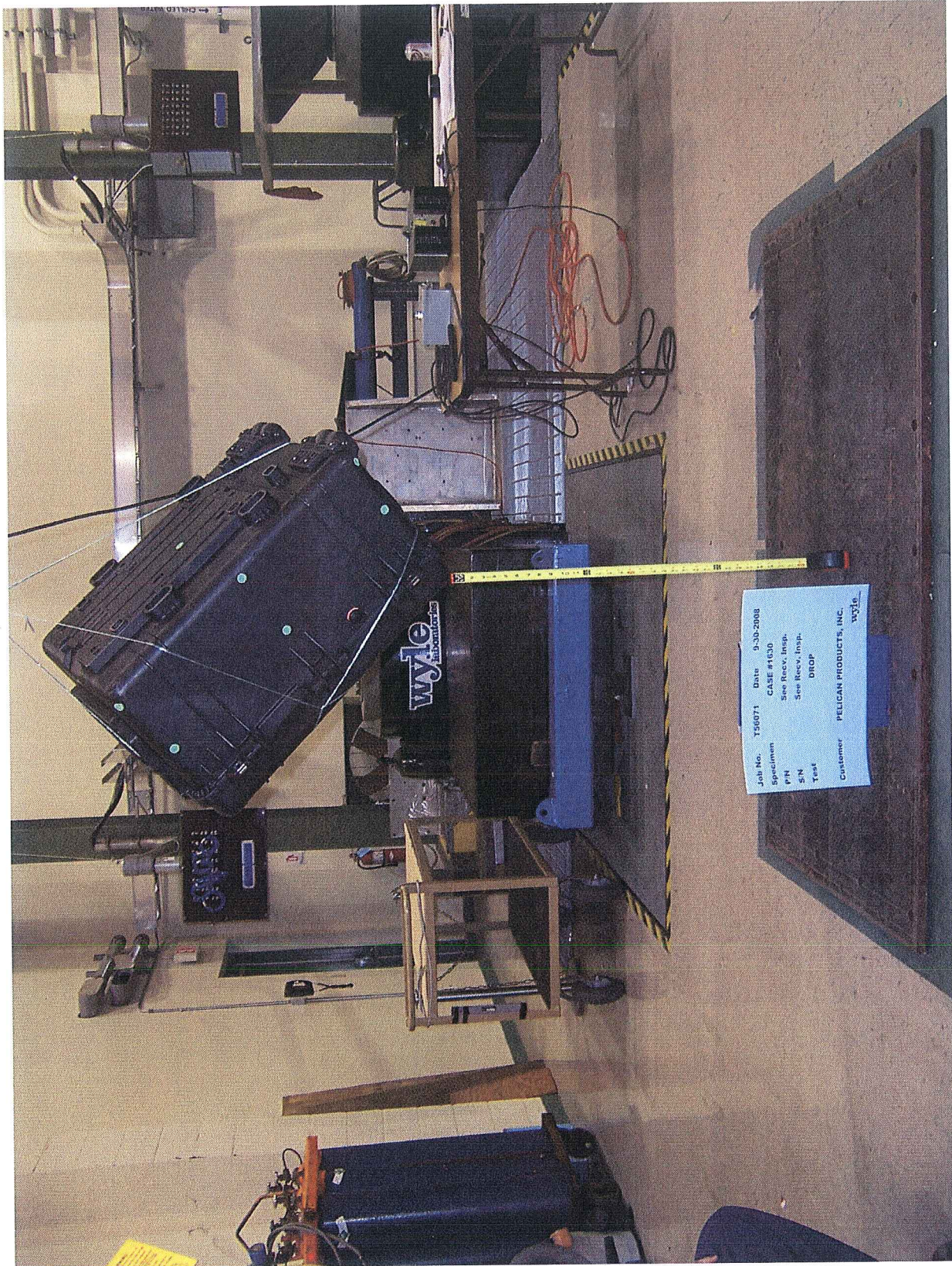
*Photograph 4
Crack on Wheel Bracket*



*Photograph 5
Broken Handle*



*Photograph 6
Broken Handle*



*Photograph 7
Typical Corner Drop*



TEST TITLE: Drop

CUSTOMER: Pelican Products, Inc. Job No.: T56071 Date: 09/25/2008
 Specimen: Case Technician: I. Garcia IG 9-25-08
 Part No.: 1630 Serial No.: See Recv. Insp. Engineer: M. Bovard MB 10/1/08

EQUIPMENT	MANUFACTURER	MODEL #	RANGE	WYLE #	CALIBRATION		ACCY.
					LAST	DUE	
Tape Measure	Lufkin	AL725MAG	0 to 25 Feet	W50758	12/18/2007	12/18/2008	Mfg. Spec.

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.