

DAMAGE BOUNDARY SOFTWARE

For

PRODUCT FRAGILITY TESTING PER ASTM D3332

WHAT IS IT?

An optional integrated software package for the CAT System that provides fast, flexible and more accurate shock fragility testing as per current ASTM Test Specification D3332.

WHAT DOES IT DO?

Capture shock signals and calculates peak accelerations, velocity change and duration in automatic or manual modes.

Provides most accurate means for filtering, fairing and computing average of square shocks.

Database files on hard disk allow test interruption for inspection.

Does fragility plot, determines critical g and delta v.

Outputs hardcopy with Scales and grid of waveform and fragility plots with user edited formats on laser (11sec), dot matrix and color printers.

WHAT ARE TYPICAL APPLICATIONS?

- * Product Fragility Testing
- * General Shock Testing
- * Applicable MIL-STD's for Fragility

WHAT ARE SOME KEY FEATURES?

Autoscaled fragility plot , more accuracy for measuring amplitude of square shock pulses , database files allow test interruption and resumption and are transportable, test report indentifications are user entered.

916 NORTH WESTERN AVENUE
SUITE 201 • SAN PEDRO CA 90732
(310) 548-6544

up date

Damage Boundary Plot

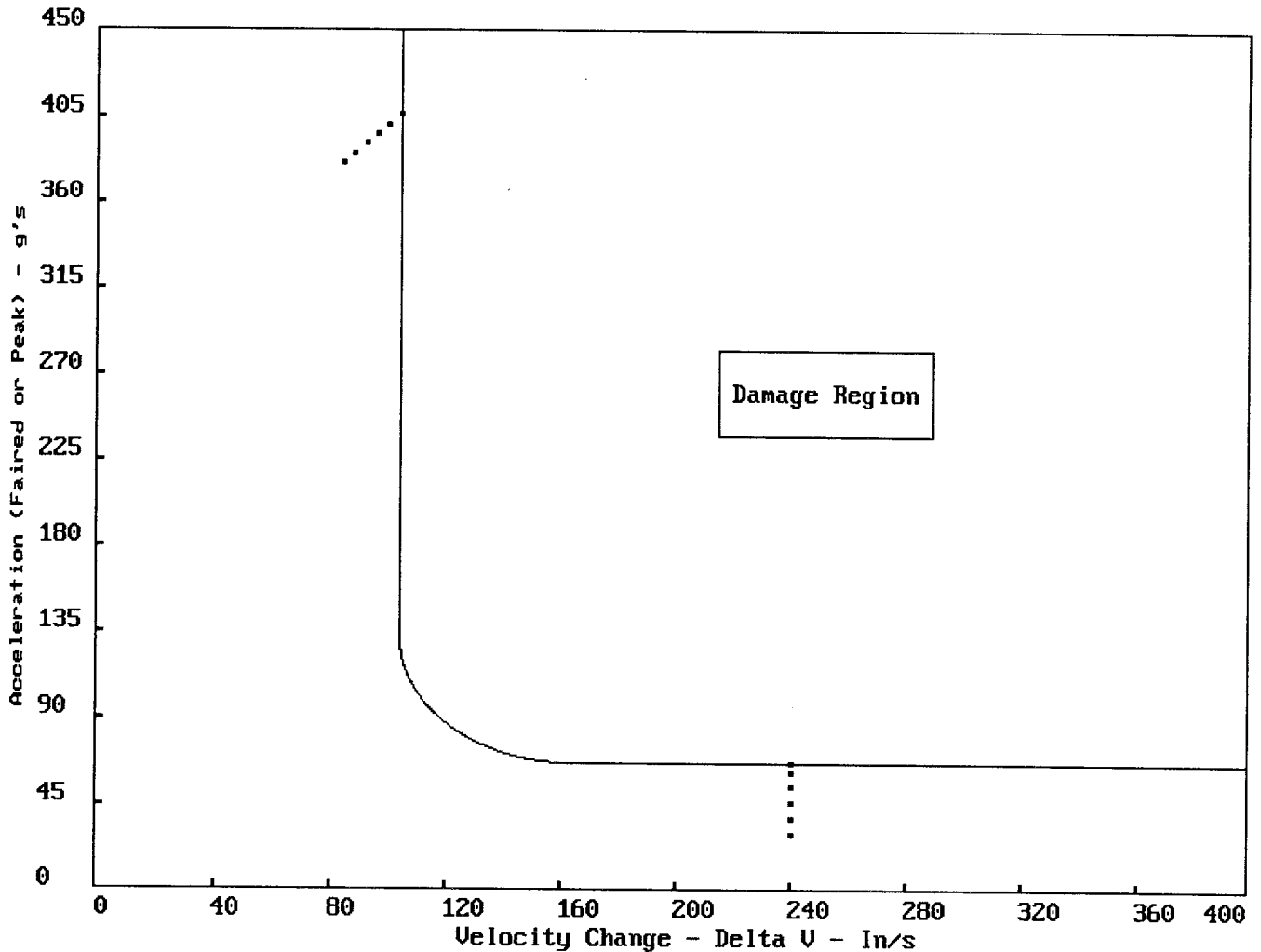
GHI SYSTEMS, INC. TRIAD CAT SYSTEM

Date : January 20, 1990
TEST ITEM : Desktop Printer
IMPACT LOC. : Base
Effective Drop Height : 4.62 to 9.05 In

TEST ENGINEER : John Doe
TEST TYPE : Fragility
TEST MACHINE : 48" table
Critical Velocity Change : 104.5 In/s
Critical Acceleration : 65.0 g's

Test Name: Fragility Spec

Tested: Desktop Printer # 2039



Remarks:

Simulated test results to show the versatility of the CAT System and the Damage Boundary Software module. This software provides the required test parameters per current ASTM Test Specification D 3332.