4N6XPRT StifCalcs®

Introducing ..... 4N6XPRT StifCalcs®. A program which puts the NHTSA Crash Test database at your fingertips with no need to access the internet in order to obtain Stiffness Values!

In addition to the NHTSA Crash Test data, the program includes a "Similar Vehicle Reader". Initially developed in cooperation with Greg Anderson and maintained by 4N6XPRT Systems starting with the 2013 version. The reader allows quick retrieval of vehicles similar to the desired vehicle. The Reader drives the initial selection of the available tests. Alternatively, we have an ADVANCED SEARCH module which allows the creation of "CLASS" vehicles.

STIFFNESS DATA, based on the selected test or test grouping is automatically calculated based on the reported crush depths and widths for front, side, and rear tests.

The User can - **WITHOUT** the need for the internet:

★ Lookup individual tests and get basic front, side, or rear (as appropriate to the test) **STIFFNESS VALUES** from the selected test. The values are based on the reported crush depths and lengths within each test.

★ Obtain Similar Vehicle group summary **STIFFNESS VALUES** with Statistical measures.

★ Create "CLASS" vehicles and get summary **STIFFNESS VALUES** with Statistical measures.

FRONTAL STATISTICAL MEASURES EXAMPLE:

| | |----------Vehicle Width----------| | | |
| | |------Stiffness Values------| | | |
	A	B	G	Kv
Average (AVG)	305.7	93.5	523.6	143.1
Minimum (MIN)	115.0	13.2	465.2	23.5
Maximum (MAX)	461.6	200.0	614.1	387.3
Standard Deviation (STDev-sample)	73.4	38.4	36.2	72.8
Number of Tests (n)	53			

WITH an internet connection the User will also be able to -

★ **RESEARCH** and **download** the
PICTURES,
VIDEOS,
and
REPORTS
that are available for the individual tests

SYSTEM REQUIREMENTS

4N6XPRT StifCalcs® is a MS-Windows program designed to work under a 32 **or** 64-bit
(2000/XP/Vista/7/8/10)
Windows System.

4N6XPRT StifCalcs®

A=? B=?
CF=?

Quick, Convenient, Easy access to the NHTSA Crash Test data on your own MS-Windows computer without the need for an internet connection.

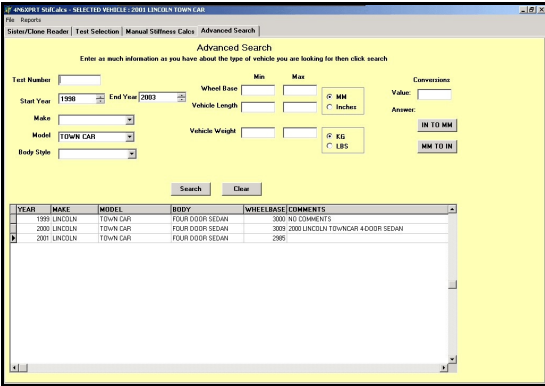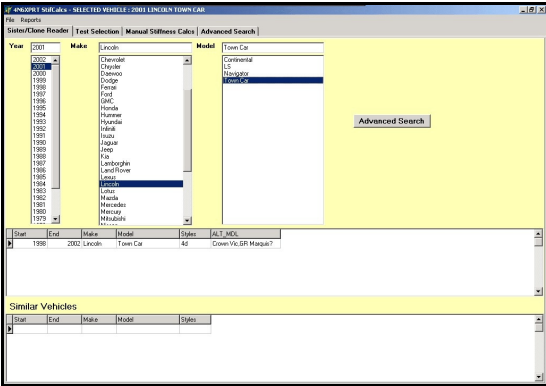**4N6XPRT Systems®**
Forensic Expert Software
8387 University Avenue
La Mesa, CA 91942-9342

Web: http://www.4n6xprt.com
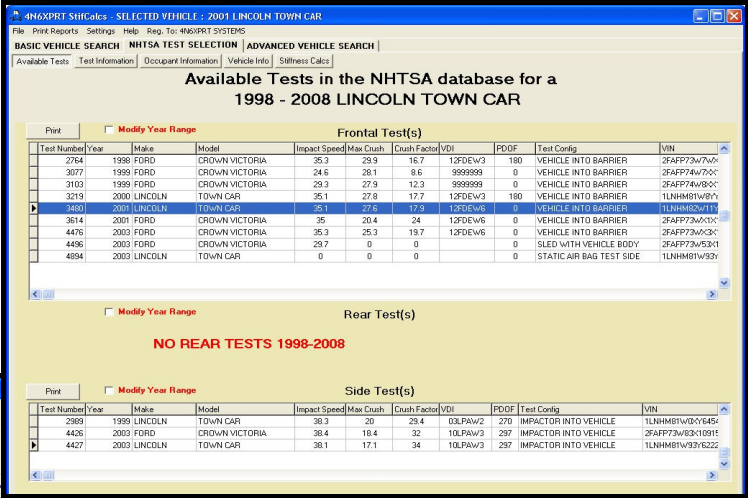**E-Mail: stifcalcs@4n6xprt.com**

1-800-266-9778

BASIC VEHICLE CRASH TEST SEARCH

Select the desired vehicle through our **SIMILAR VEHICLE READER**

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Once the desired vehicle is found/selected, click on the Test Selection tab. From here, select the test to be viewed

Once a test is selected, the available data

for the Test, Occupant(s), Vehicle(s), and Stiffness data can be viewed. The stiffness values are automatically generated from the available test data.
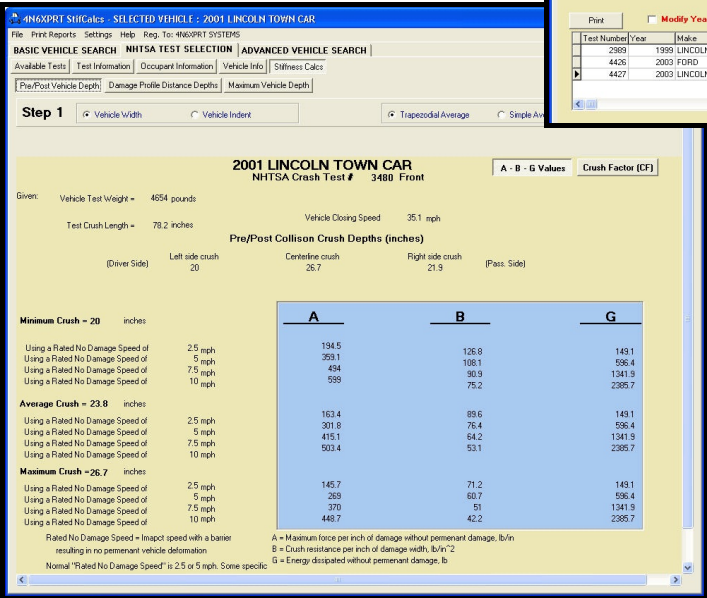
"CLASS" VEHICLE CRASH TEST SEARCH

Using the **ADVANCED SEARCH** tab, you can also create a **CLASS** of vehicle for when there are no tests available for the specific vehicle and test type. To create a class of REAR IMPACT stiffness values for the Lincoln, first set the **weight range**, **body style**, and **test type**, then **search** the database, when you have a sufficient number of tests (that is, more than one or two) that have been found, click the PRINT button:
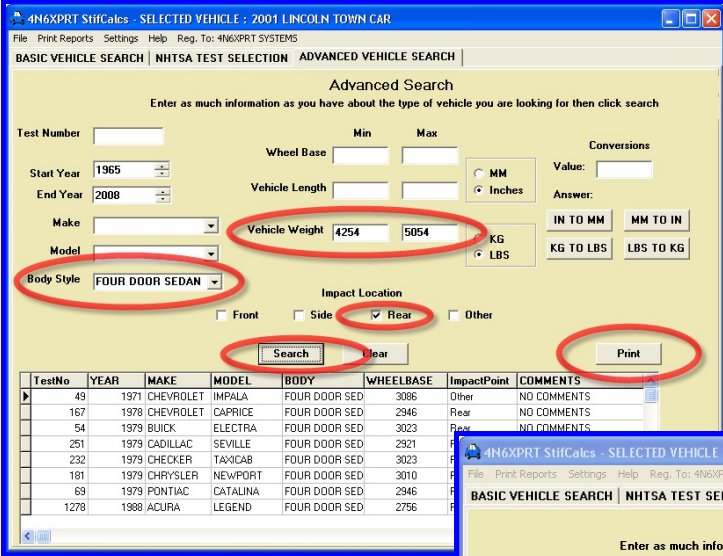
Now Set your calculation parameters - **No Damage Speed - Crush Depth - Indentation (Crush) Length** - and **Speed**, then view your results, and if desired, print them to hard copy
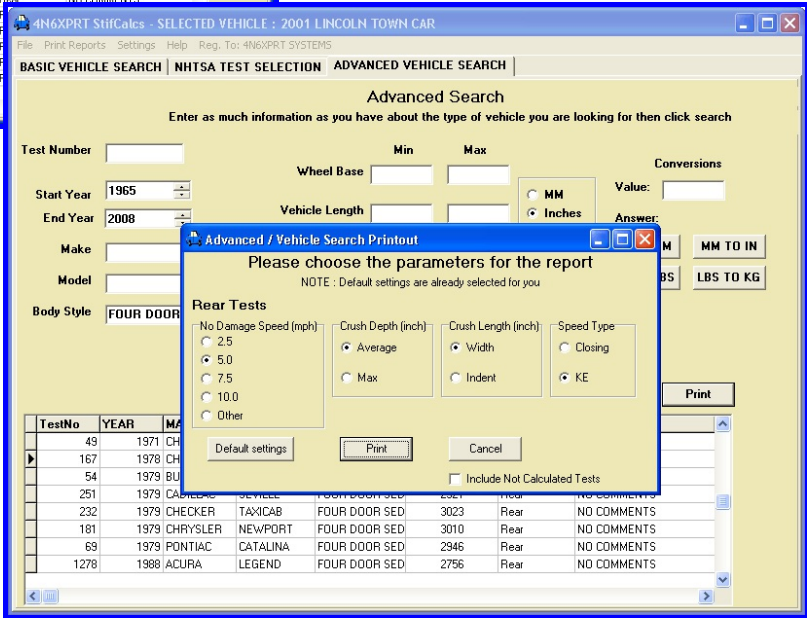
The program will calculate the
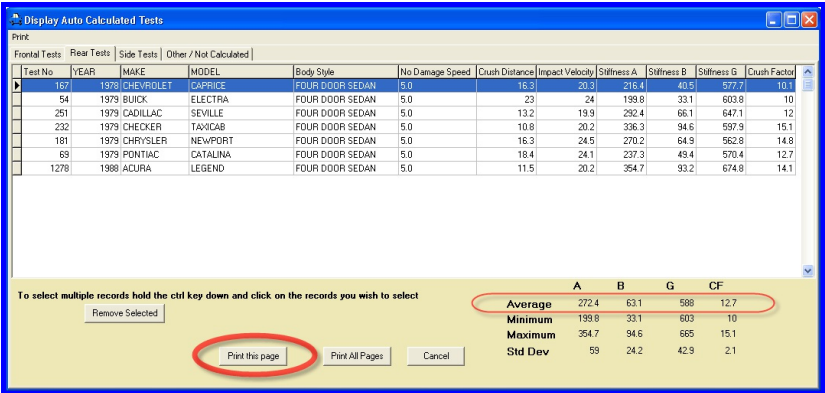
AVERAGE, MINIMUM, MAXIMUM, and **Standard Deviation** of the Stiffness Values calculated based upon the parameters you set in the preceding step.

4N6XPRT Systems

Expert System Software for Litigation

Dear Customer,

Due to the governments desire (both U.S. & California) to "protect us" we will need the following information from you in order to process your credit card(s). Please complete this form and return it with your order.

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 ←Visa/MasterCard   American Express �

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*(This is the address number - for instance, ours would be **8387 University Avenue** - that the credit card bill would go to, not where we would send the data or product to)*

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Sincerely,

Daniel W. Vomhof III
General Manager/Technical Support

A Division of Expert Witness Services, Inc.