

Calculation TYPE selection screens:

EXPERT QWIC CALCS
 I.D. Vehicle for Calculations
 Vehicle Specification
 Braking Calculations
 Acceleration Calculations
 Constant Speed Calculations
 Avoidance Maneuver Calculations
 Airborne Calculations
 Next Menu Page
 <<<< Exit QWIC CALCS >>>>

QWIC CALC MENU PAGE 2
 Curve Calculations
 Crush Calculations
 Conversion Calculations
 Combined Speed Calculation
 <<<<< Return to Main Menu >>>>>

47 different calculations in 9 categories,
 available at the touch of a key.

As of April 1995 the 4N6XPRT Systems®
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Expert Qwic Calcs®



>>>Calculate Time given D & V<<<<
 Enter Distance (in feet) : 45
 Enter Velocity (in mph) : 6
 Time = 5.11 sec.

Fast, non-mathematical answers to questions of
 importance in crash evaluations.

4N6XPRT Systems®
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1-800-266-9778

Expert Qwic Calcs®

Expert Qwic Calcs® quickly provides answers to questions important in vehicle collision litigation. The user inputs data in response to relevant questions, Expert Qwic Calcs® performs the mathematical calculations required. Both the input data and the calculated result are then displayed, and may be “dumped” to a printer.

When the law enforcement accident report gives insufficient information to do a full - blown accident reconstruction, Expert Qwic Calcs® may be used to “scope out” the parameters of speeds, times, and distances to determine these relationships in a vehicle accident.

The knowledge gained by the authors combined 55 years as “forensic experts” in providing answers to attorneys and insurance adjusters, has been embodied in the Expert Qwic Calcs®.

The program is an “EXPERT” program in the legal definition of an “EXPERT”. It provides answers to questions relevant to the physical evidence using knowledge, training and experience not immediately possessed by the non-technical individual.

EXAMPLE:

Calculation selection screen:

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>>>>>QWIC BRAKING CALCS<<<<<
Calculate STARTING VELOCITY given D, VF, & COF
Calculate STARTING VELOCITY given T, VF, & COF
Calculate FINAL VELOCITY given D, VI, & COF
Calculate FINAL VELOCITY given T, VI, & COF
Calculate DISTANCE given VF, VI, & COF
Calculate TIME given VF, VI, & D
Calculate BRAKING EFFICIENCY given VF, VI, D, &
COF
Calculate TOTAL BRAKE FACTOR given VF, VI, & D
COMBINED SPEED Calculation
<<<<<<<<<< Return to Main Menu >>>>>>>>>>

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<<< DEFINITION OF TERMS >>>
VF = Velocity at End of Skid
VI = Velocity at Start of Skid
D = Skid Distance in Feet
COF = Coefficient of Friction→

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INPUT & RESULTS:

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Calculate Distance Given VF, VI, & COF
Enter starting velocity (in mph): 45
Enter ending velocity (in mph): 30
Enter Coefficient of friction: .7
Enter # of wheels sliding: 3
Enter # of wheels on vehicle: 4
Time to brake = 1.30 sec.
G-forces = 0.52 G's
Distance = 71.43 ft.

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SYSTEM REQUIREMENTS

Expert Qwic Calcs® has been tested on a wide variety of IBM laptop and desktop clones ranging from 8088 through Pentium® chips. A math co-processor chip is NOT required.

Expert Qwic Calcs® has also been tested under the various versions of MS-DOS 3.0 thru 7.0, DrDOS 6.0, and PC DOS 7.0. It also works as a DOS program under Windows 3.x, Windows, 95, Windows 98, Windows NT, OS/2 2.x, OS/2 Warp, and various versions of LINUX.

A variety of dot matrix printers emulating the EPSON series have been used with no difficulty. The output is also compatible with the Hewlett-Packard II, IIP, III and IIIP Laser printers.

Expert Qwic Calcs® works with monochrome and color monitors.

4N6XPRT Systems

Expert System Software for Litigation

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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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Card Number: _____

Expiration Date (MM/YY): ____/____



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American Express →



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Authorized signature: _____

We appreciate your cooperation in supplying us with this information and understanding that it is being required of us to obtain the information.

Sincerely,

A handwritten signature in black ink that reads 'Daniel W. Vomhof III'.

Daniel W. Vomhof III
General Manager/Technical Support