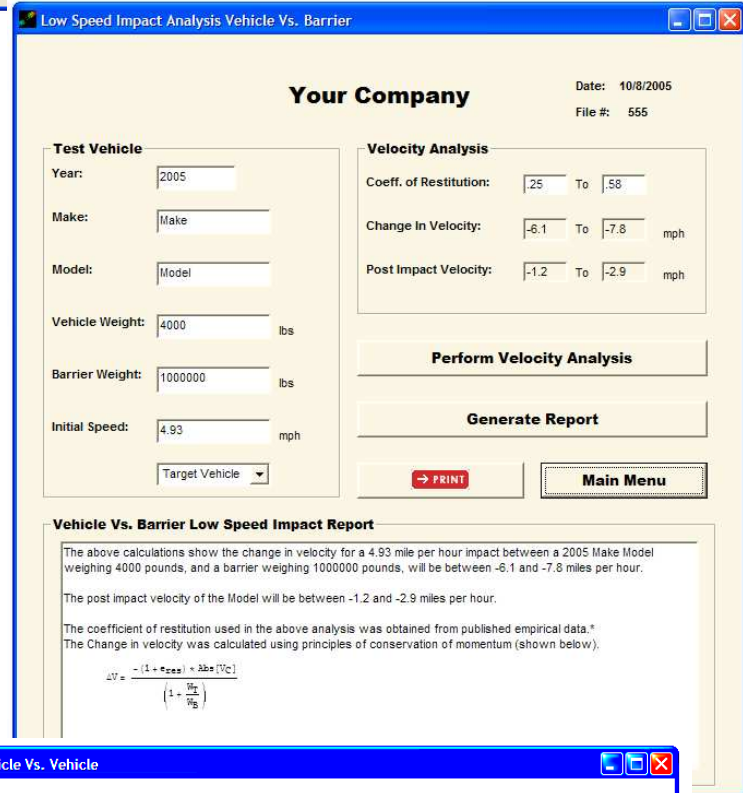


LSIA Main Menu (right)

Begin the analysis by entering your company name and the relevant File ID. Then choose the desired analysis.

Vehicle Vs. Barrier Analysis Screen (right)

Continue the analysis in the Vehicle Vs. Barrier Screen. Enter the vehicle year, make, model, weight and pre-impact speed as well as the barrier weight. Then perform the analysis and find the post impact velocity range and the “Delta V” range. You can also choose to export the vehicle info to the Vehicle Vs. Vehicle analysis. Click “Generate Report” to interpret the results and create an easy to read report.



Vehicle Vs. Vehicle Analysis Screen (right)

Finish the analysis with the Vehicle Vs. Vehicle analysis screen. The vehicle years, makes, models and weights will be automatically imported from the previous analysis screen. Enter the vehicles pre-impact estimates, obtain the coefficients of restitution, enter the impact duration and receive the target and bullet vehicle “Delta V”, final velocity and acceleration due to the impact. Click “Generate Report” to get another easy to read report which interprets the results, and displays the relevant equations (Vehicle Vs. Vehicle report screen not shown).

