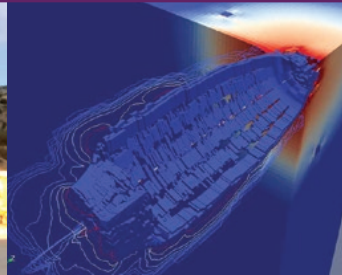




**SCIENCE & ENGINEERING
SINCE 1945**





Science & Engineering For The Most
Challenging Problems Since 1945



MISSION

Our mission is to engineer solutions that protect people and their facilities; enhance people's products; and strengthen people's decision-making for the defense, space, energy, security, engineering, and insurance industries.

FOUNDED

1945

AWARDED

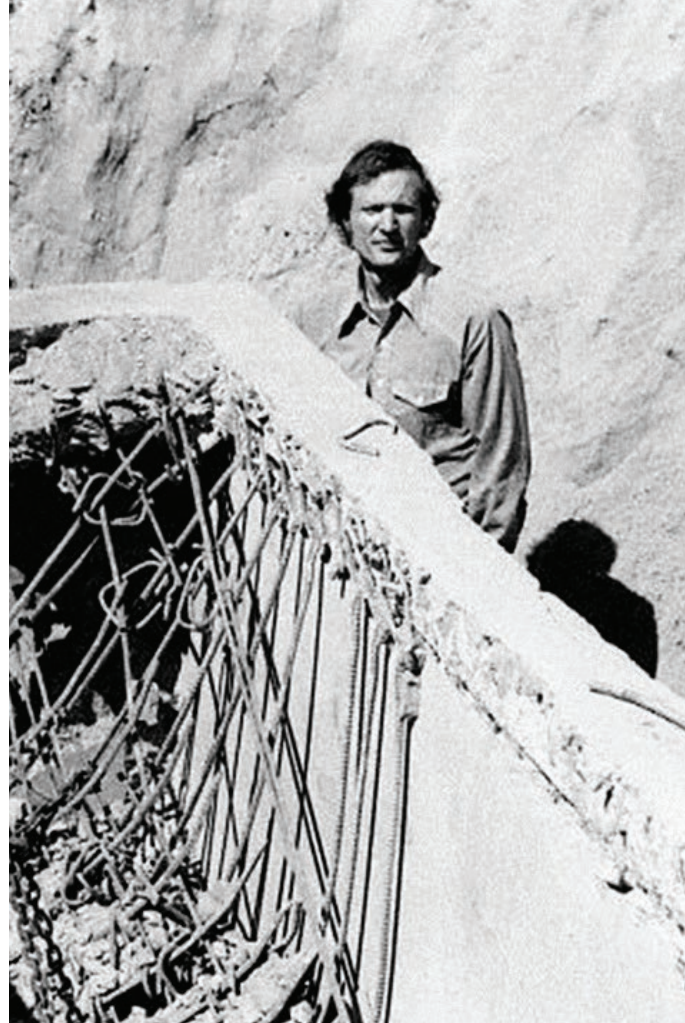
25+

*Small Business Innovation Research
(SBIR) Programs*

PUBLISHED

3000+

Technical Reports And Publications Involving
Extreme Events And Protective Design



K&C is a leader in the explosive effects and protective design field. Our mission is focused on solving complex and challenging problems using state-of-the-art testing, analysis, and design methodologies that we have developed over our 75 year history.

We offer a specialized brand of engineering services that is unmatched in our field. K&C's highly-technical staff possess complementary subject matter expertise that allows K&C to provide integrated, validated, and cost-effective solutions for our clients.



Karagozian & Case

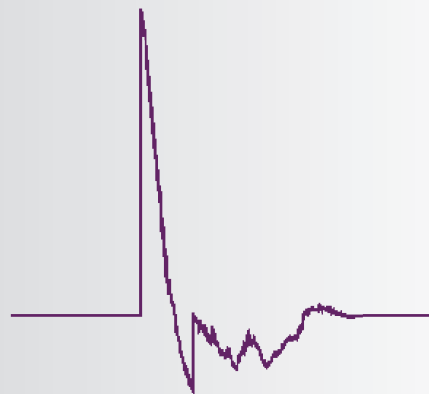
Corporate Headquarters
700 N. Brand Blvd., Suite 700
Glendale, CA 91203

P: (818) 240-1919
F: (818) 240-4966
E: kcse@kcse.com

NAICS CODES: 541330, 541380
DUNS NUMBER: 055775803

5

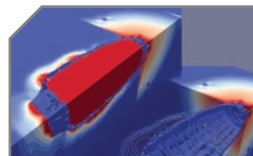
PRACTICE AREAS



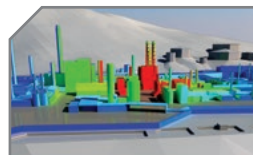
PROTECTIVE DESIGN



APPLIED RESEARCH & TESTING



MODELING, SIMULATION & ANALYSIS



THREAT & VULNERABILITY ASSESSMENT



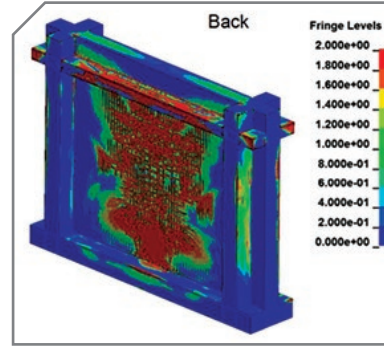
PRODUCT & SOFTWARE DEVELOPMENT



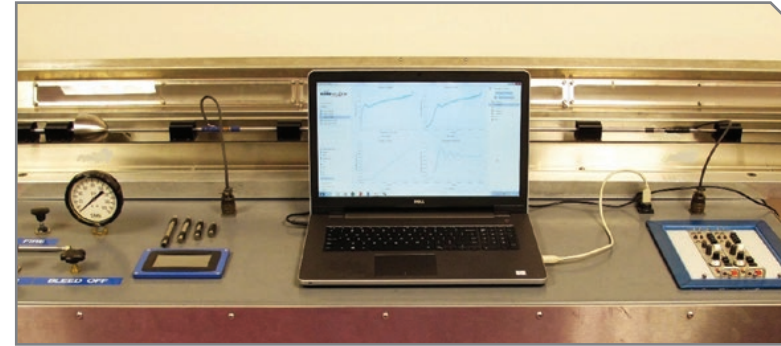
Fayetteville, NC VA Medical Center



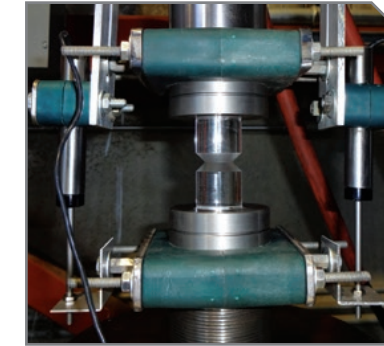
Blast Analysis and Protective Design Services of Landmark Bridges



Debris Characterization of Concrete Wall



K&C Provides Dynamic Characterization Of Materials With It's In-House Split-Hopkinson Bar Testing



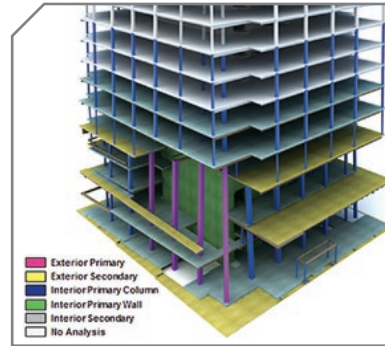
Material Testing & Characterization



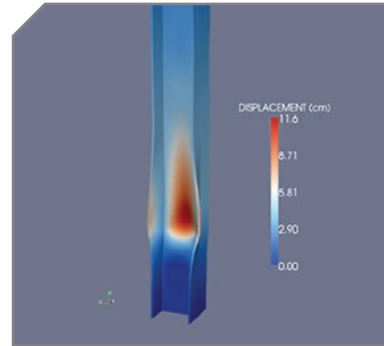
Test For Casing Fragments Damage On Wall Panels



San Diego International Airport – Blast Analysis



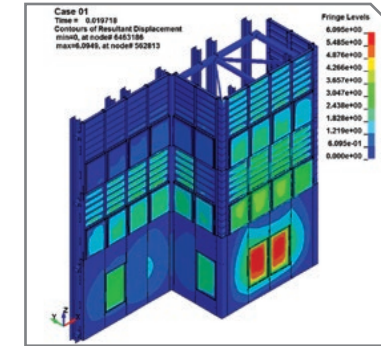
High-Rise Building Member Analysis



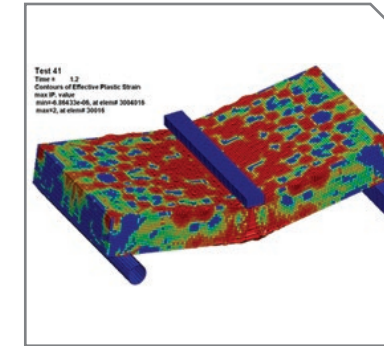
Near-Contact Column Blast Analysis



In A Joint Endeavor With The Us Department Of State, K&C Developed A New Curtain Wall System For Overseas Building Operations

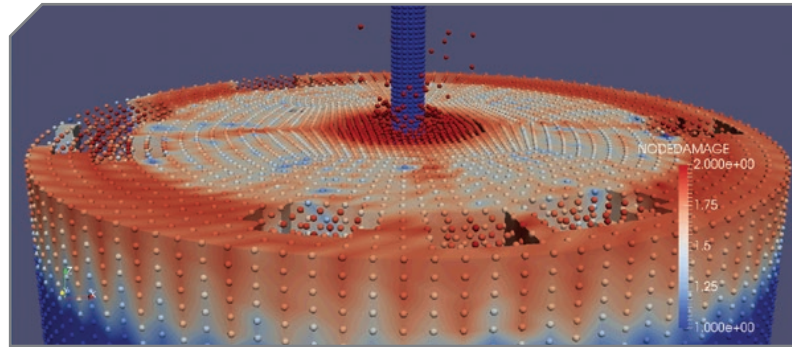


Damage Of RC Slab Under Blast And Fragment Loading

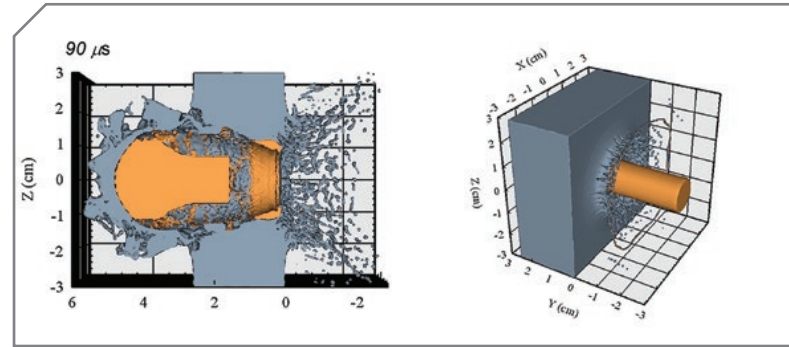


Post-Damage Analysis Of RC Slab

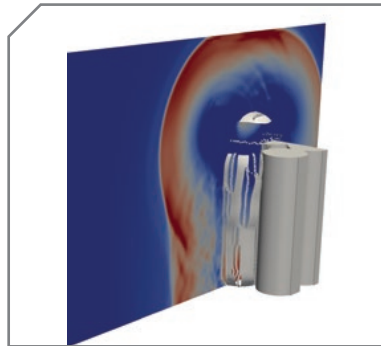
MODELING, SIMULATION & ANALYSIS



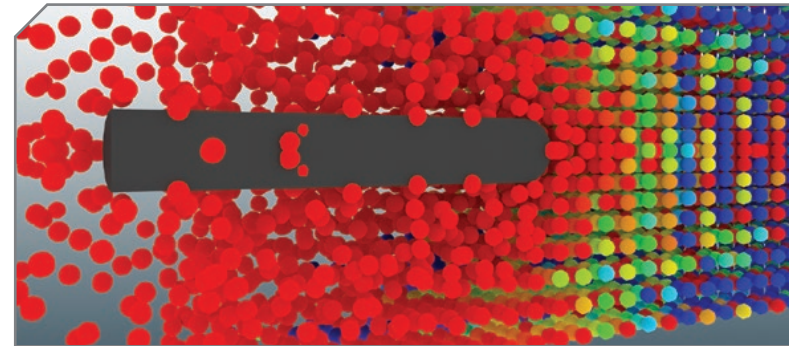
Software Development For Debris Characterization, Hyper-Velocity Impact & Fast-Running Models (FRMs)



Ballistic Simulation



Modeling, Simulation And Analysis – Solving Complex Engineering Problems With Insight Into The Underlying Phenomena Using Physics Based Computations



Computational Solid Dynamics

PRODUCT & SOFTWARE DEVELOPMENT



K&C Developed The Next Generation Transparent Armor Window For US Navy LPD-17 Ships

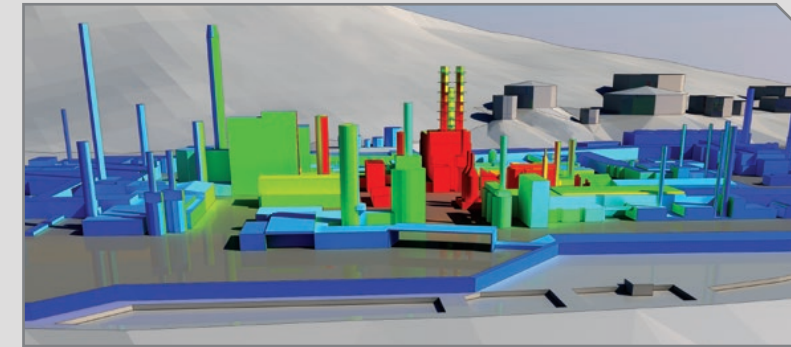


K&C's Software Development

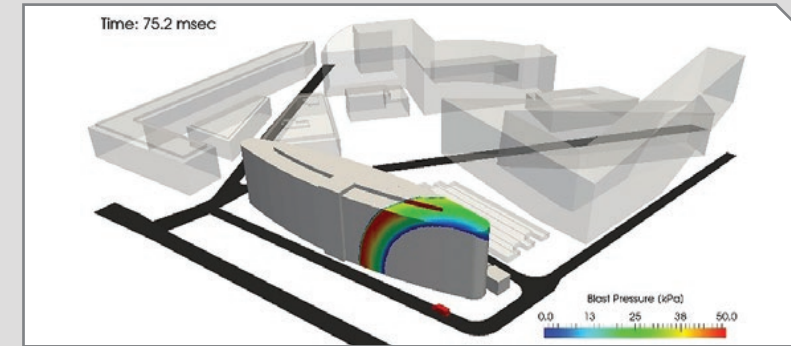


Shallow-Buried Bollards, Tested And Approved Rating Of K4 To K12

THREAT & VULNERABILITY ASSESSMENT



Blast Pressure Contour Map Of Potential Chemical Explosion And Industrial Facility



Blast Pressure Contours On Office/Government Facilities

K&C
Karagozian & Case